

WATANA OPERATING GUIDES.

HANDOUT MATERIALS AT HARZA-EBASCO
BRIEFING, 4-23-84.

AUTHOR: ART ALLEN

Problems of Wabara Dam
Regulation

APRIL 23, 1984

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WATANA DISCHARGE CONTROL

SEE PRELIMINARY REPORT MARCH 20, 1984

PURPOSES OF OPERATING GUIDES

PREDICTABLE DISCHARGE RATES, EASILY DISPATCHABLE
IN A POWER SYSTEM.

OBTAIN HYDROELECTRIC PRODUCTION SCHEDULING
THAT CAN BE CO-ORDINATED WITH MAINTENANCE
SCHEDULING OF THERMAL UNITS.

TWO FLOW REGULATION PROBLEMS

SEASONAL

DAILY AND HOURLY

SEASONAL REGULATION - COVERED BY OPERATING GUIDES

TRANSFER WATER SEASONALLY FOR POWER NEEDS. ^{CHAR 1}

COULD BE TRANSFERRED SEASONALLY FOR ENVIRON-
MENTAL BENEFIT.

THE TWO PURPOSES COULD COINCIDE OR COULD
DIFFER

GENERAL POWER NEEDS

PRODUCE HYDROELECTRIC ENERGIES AND DEPENDABLE
CAPACITIES WHEN LOADS ARE LARGEST.

REDUCE HIGHEST COST THERMAL ENERGY PRODUCTION

REDUCE THERMAL CAPACITY INSTALLATION

PROVIDE HYDRO GENERATION RELATED TO SYSTEM AND

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GENERAL ENVIRONMENTAL NEEDS

- GUARANTEED RELEASES AT IMPORTANT TIMES
- LIMITATIONS ON RATES OF DISCHARGE CHANGE
- LIMITATIONS ON RANGES AND DURATIONS OF DISCHARGE CHANGE
- TEMPERATURE CHANGES - ICE EFFECTS
- OTHER - AS SPECIFIED.

SPECIFIC POWER NEEDS

CHART 4

SEASONAL ENERGY DISTRIBUTION

1. PROPORTIONAL TO SYSTEM LOAD - CHART 2
 - A. MAXIMUM RETURN FOR POWER - NO OTHER CONSIDERATION - BASIS FOR COMPARISON WITH OTHER OPERATION - OPERATING GUIDE N-1
 - B. OPERATION MODIFIED BY CURRENTLY-SPECIFIED ENVIRONMENTAL CONSTRAINTS - CHARTS 3, 4
OPERATING GUIDE N-2
2. SEASONAL DISTRIBUTION TO PROVIDE NEARLY CONSTANT THERMAL GENERATION REQUIREMENT
 - A. MAXIMUM RETURN FOR POWER - NO OTHER CONSIDERATION - BASIS FOR COMPARISON WITH OTHER OPERATION,

NO GUIDE AS YET. DIRECTION ASKED

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2 B. OPERATION MODIFIED BY CURRENTLY -

SPECIFIED ENVIRONMENTAL CONSTRAINTS

CHARTS 3, 4

OPERATING GUIDE N-3

(INSERT P. 3) A

WEEKLY ENERGY DISTRIBUTION

~~CHART 4~~

1. WEEKS USUALLY ARE BASIS FOR SCHEDULING OPERATION

A. SCHEDULING LABOR, EQUIPMENT OPERATION,

EQUIPMENT OUTAGES, GENERATION

B. ONE WEEK USUALLY IS LIMIT FOR PROJECTING

GENERATION NEEDS RELIABLY. DAILY

ADJUSTMENTS ARE USED IF LOAD VARIES
FROM PROJECTION.

C. OBJECTIVE IF TO OBTAIN MAXIMUM

POWER BENEFIT FROM HYDRO WITHIN

CONSTRAINTS.

CHART B-19

2. WEEKLY OPERATION OF LARGE HYDRO IN A SYSTEM

A. DEPENDENT ON SHAPE AND MAGNITUDE

OF SYSTEM LOAD CURVE

B. DEPENDENT ON POSITION OF HYDRO PLANT

IN LOAD CURVE

C. ITERATIVELY, POSITION OF HYDRO PLANT

IN LOAD CURVE CAN BE AFFECTED BY

DOWNSTREAM EFFECTS -

DISCHARGE CHANGES - AMOUNT, LOCATION, TIME

STAGE CHANGES - AMOUNT, LOCATION, TIME

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DETAILED DISCUSSION OF OPERATING GUIDES

FLOW REGULATION FOR POWER

ENERGY

CAPACITY

TWO BASIC HYDRO GUIDES

REQUIRING FLOW PREDICTION -

USUALLY ERRATIC OPERATION

DIFFICULT TO SCHEDULE

NON-PREDICTIVE

SPECIFIED OPERATING RATE USUALLY IN

EFFECT FOR SEVERAL MONTHS

GUESSING NOT NEEDED

MAIN PROBLEM - DRIER WEATHER THAN HISTORIC

SUSITNA APPEARS TO HAVE LITTLE CHANGE.

OPERATING RATES - IN THIS INSTANCE AS PERCENTAGES

OF BASIC FLOW RATES THAT VARY MONTH TO

MONTH TO MEET POWER AND ENVIRONMENTAL

OBJECTIVES.

COMPARISON OF OPERATING GUIDES AND RESULTS

	N-1	N-2	N-3
OPERATING GUIDE DETAILS	6-9	6-9	6-9
RELATIVE DISCHARGE RATES IN CFS FOR VARIOUS PERCENTAGES OF MEAN	128-131	129-132	128-131 Cfm
SAMPLE OPERATIONS			
AVERAGE YEAR - 1979	106-108	108-110	106-108
LOW INFLOW YEARS - 1969-1970	76-81	76-81	76-81
HIGH INFLOW YEAR - 1961	52-54	52-54	52-54
TURBINE DISCHARGES	124-127	125-128	124-127
WATER WASTED	135	136	135
ENERGY GENERATED	148-151	149-152	147-150
GOLD CREEK DISCHARGES		165-168	163-166

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TYPES OF WEEKLY OPERATION

ALL BUT ONE INVOLVING HOURLY CHANGES
IN DISCHARGE.

1. PEAKING - WATANA AT TOP OF LOAD CURVE
2. LOAD-FOLLOWING - OTHER HYDRO (ESTIMATED
100 MW) AT TOP OF LOAD CURVE -
WATANA NEXT BELOW
3. BASE - WITH HOURLY DISCHARGES ALLOWED
TO VARY 10% ABOVE TO 10% BELOW
4. BASE - NO DISCHARGE VARIATION DURING
A WEEK.

CHARTS 8-19

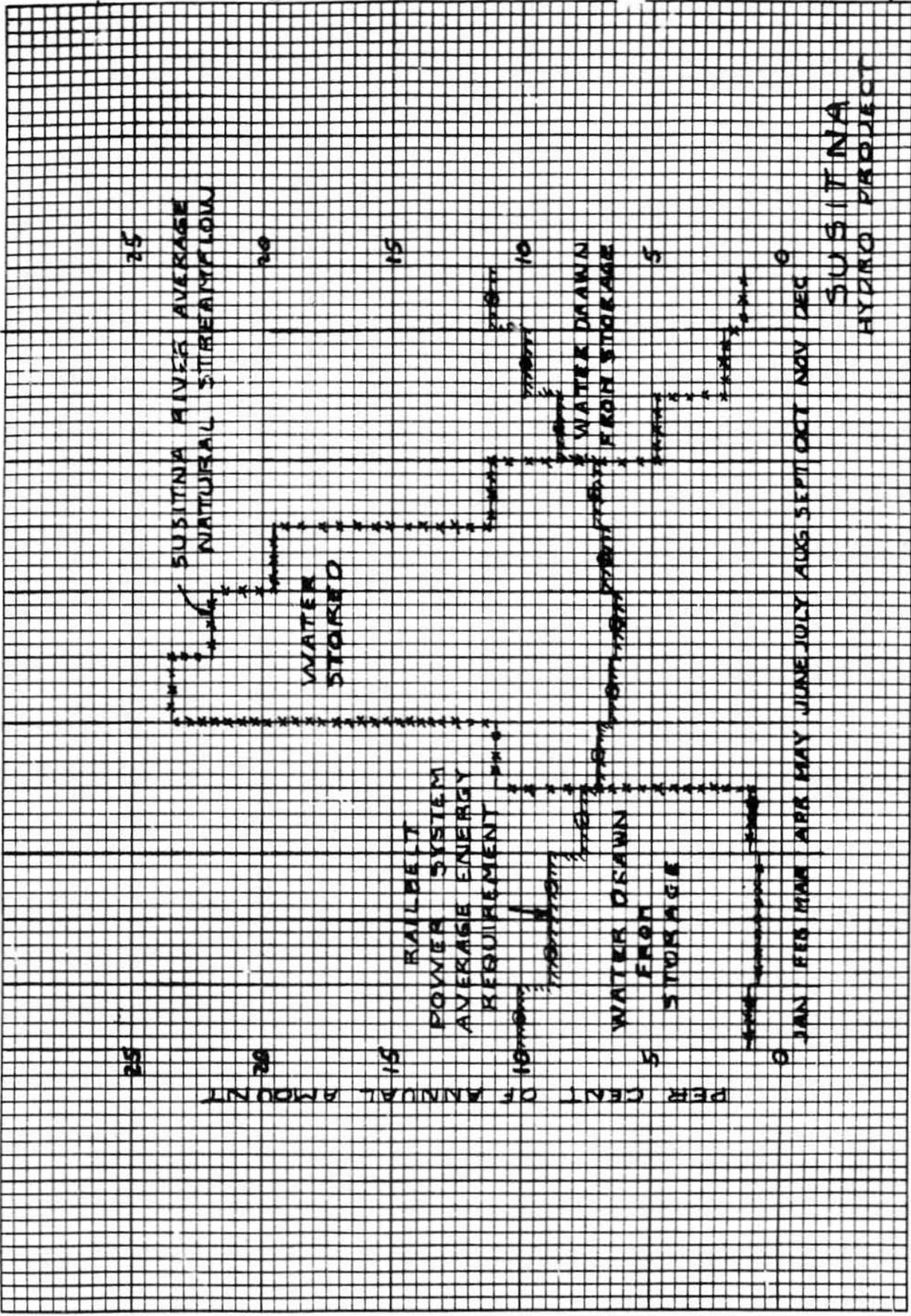
AFTER DEVIL CANYON

WATANA CAN PERFORM AS REQUIRED.

DEVIL CANYON REREGULATES, - OPERATED ON BASE

DEVIL CANYON WILL HAVE 175,000 CFS-DAYS
OF STORAGE TO AUGMENT AUGUST-SEPTEMBER
WATANA RELEASES - INCREASING AVERAGE RELEASE
AT OTHER TIMES.

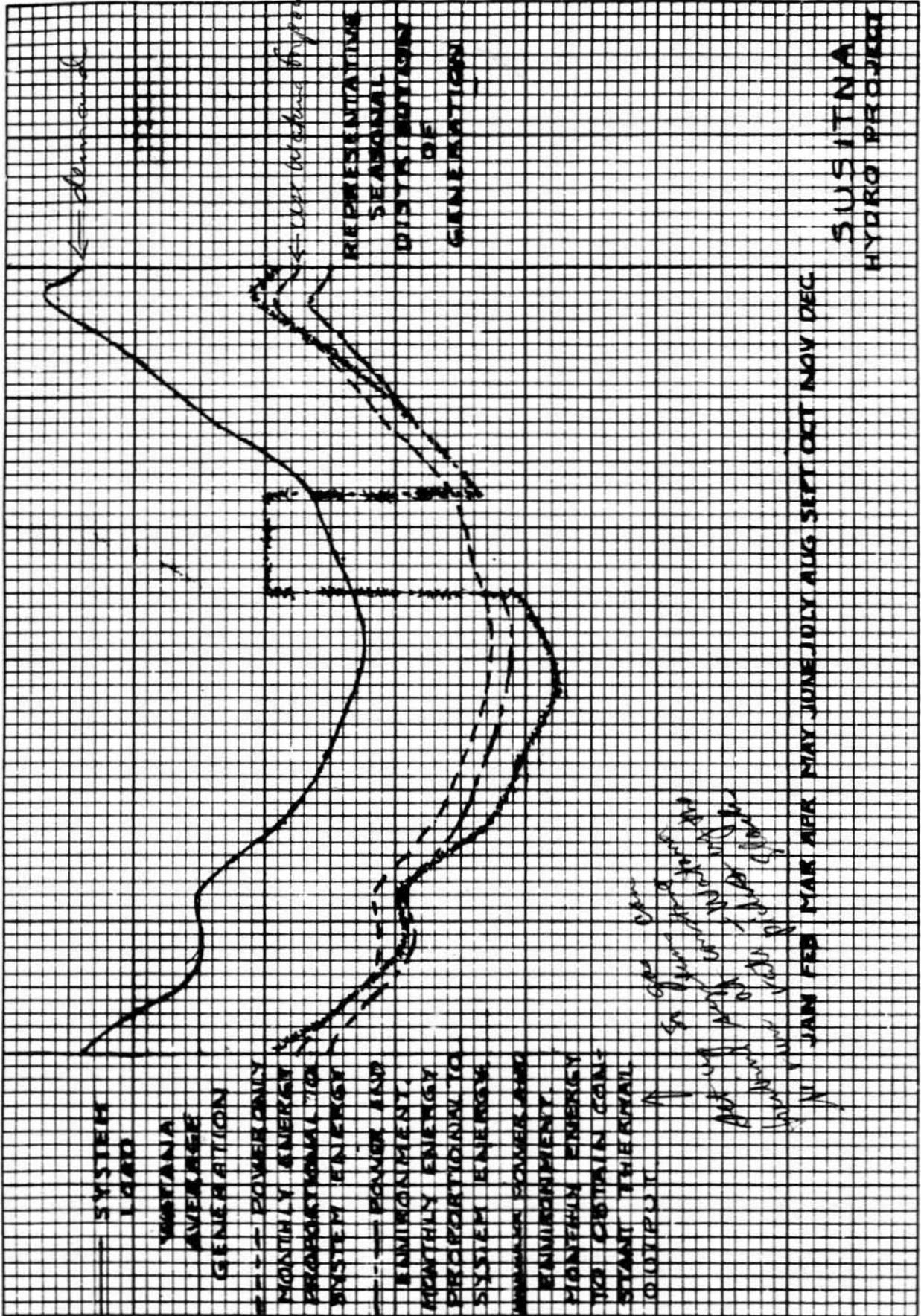
IN FAR FUTURE, IF $\pm 10\%$ DAILY
DISCHARGE VARIATION IS ACCEPTABLE AS BASE,
DEVIL CANYON COULD AUGMENT WATANA PEAKING OR
LOAD-FOLLOWING.



SUSITINA
HYDRO PROJECT

Peak demand is after Dec or Jan

Energy



TYPES OF OPERATION

MAXIMUM RETURN FROM POWER

SEASONAL DISTRIBUTION OF REGULATED OUTFLOW

1. WATANA ENERGY PROPORTIONAL TO SYSTEM ENERGY REQUIREMENT. GUIDE N-1
2. WATANA ENERGY PRODUCED TO PROVIDE CONSTANT ENERGY FROM OTHER SOURCES (NO GUIDE AS YET)

OPERATION MODIFIED FOR ENVIRONMENTAL REQUIREMENTS

SEASONAL DISTRIBUTION OF REGULATED OUTFLOW

1. MINIMUM DISCHARGES PROVIDED AT GOLD CREEK. WATANA ENERGY AT OTHER TIMES PROPORTIONAL TO SYSTEM ENERGY NEED. GUIDE N-2
2. MINIMUM DISCHARGES PROVIDED AT GOLD CREEK. WATANA ENERGY AT OTHER TIMES IS PRODUCED IN EFFORT TO MAINTAIN CONSTANT ENERGY FROM OTHER SOURCES. GUIDE N-3

SEASONAL FLOW REGULATION PROVIDED BY THE OPERATING GUIDES.

OPERATION IS COMPUTED ON WEEKLY BASIS.

WATANA DISCHARGE IS COMPUTED AS AVERAGE WEEKLY DISCHARGE.

WEEKLY DISCHARGES ARE CONVERTED TO AVERAGE MONTHLY TO COINCIDE WITH CONTENTS OF LICENSE APPLICATION.

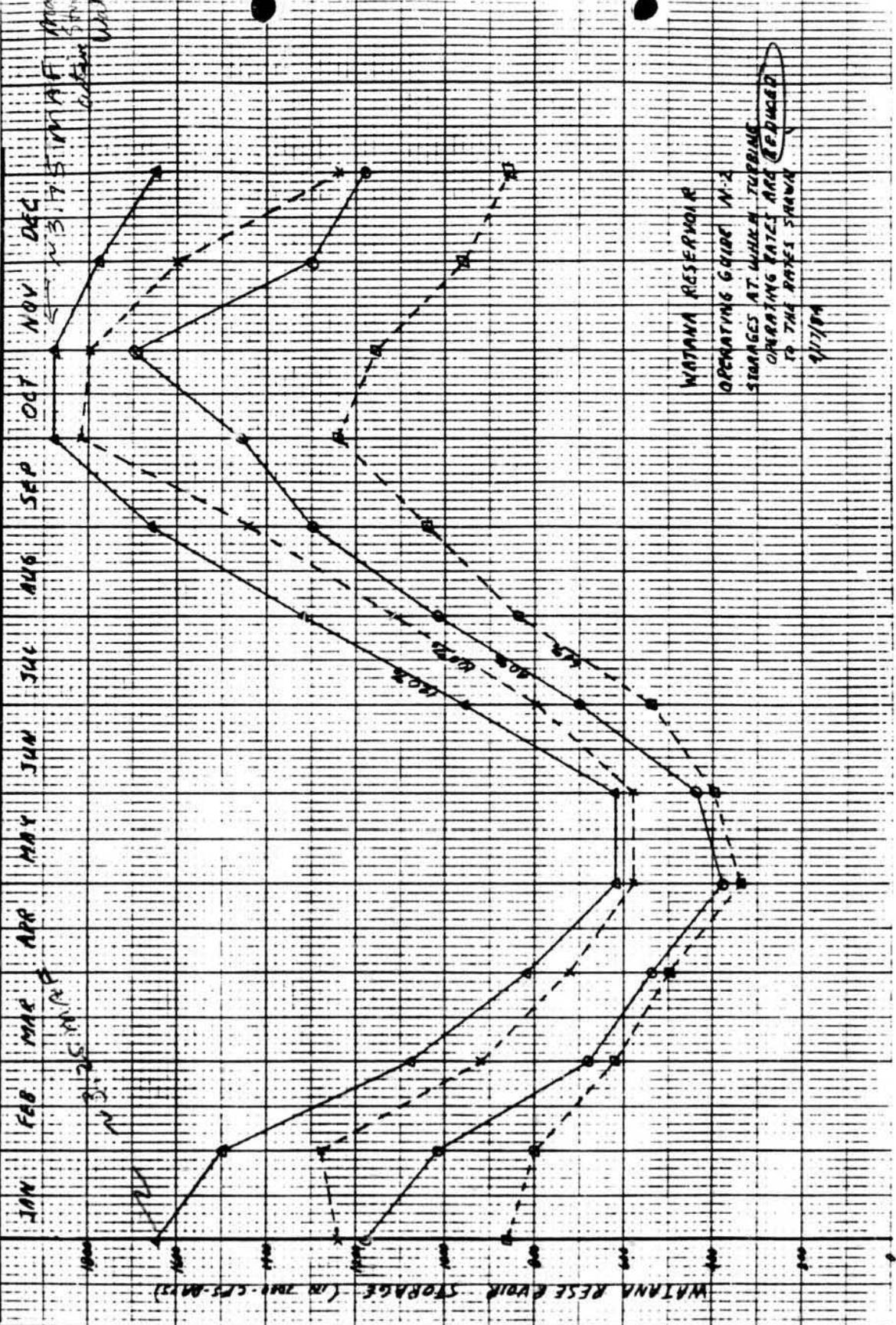
AVERAGE WEEKLY DISCHARGE IS ANALYZED ON HOURLY BASIS RELATIVE TO LOAD CURVES FOR ONE WEEK IN A MONTH TO OBTAIN HOURLY DISCHARGES AND GENERATING CAPACITIES.

PEAKING OPERATION

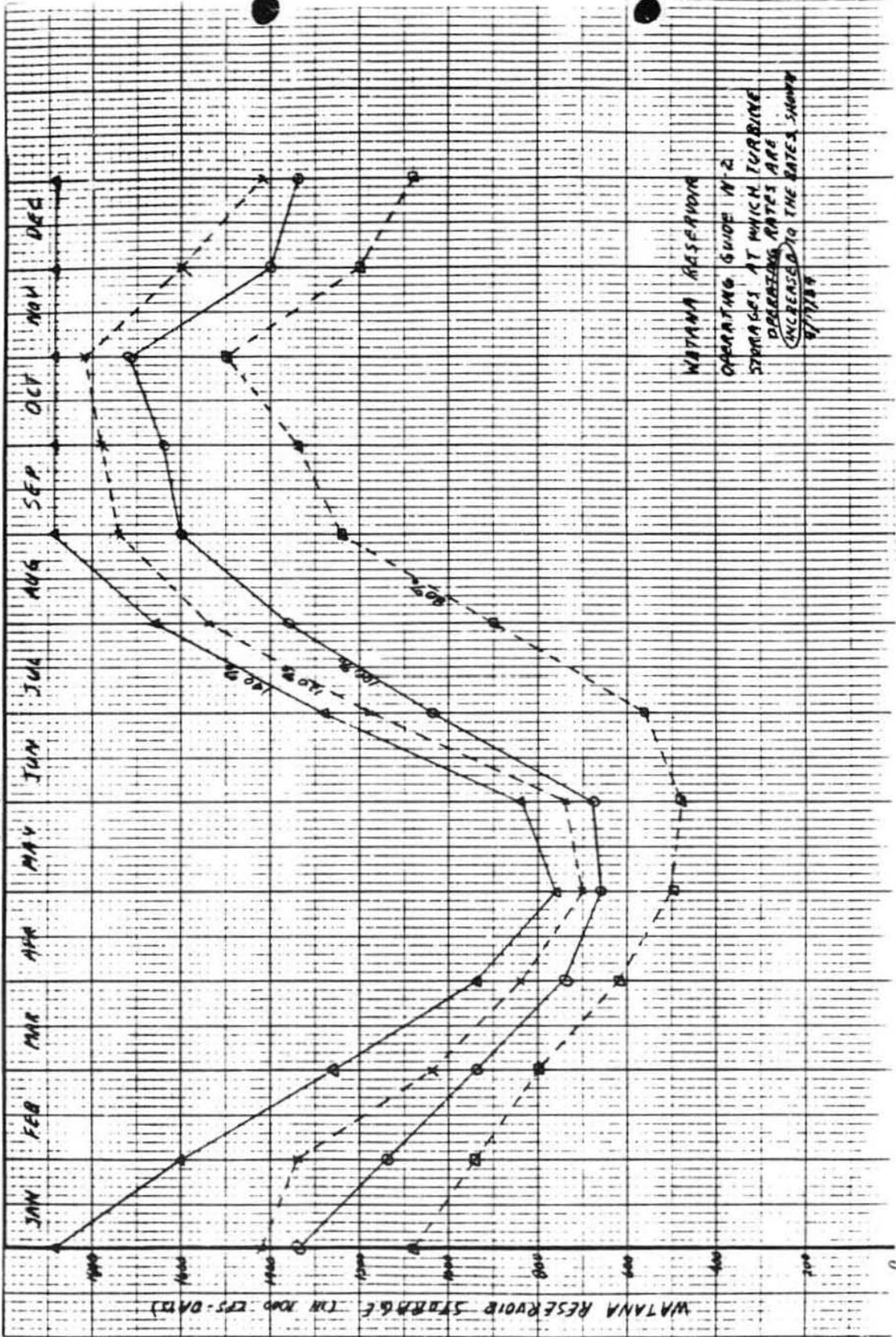
LOAD-FOLLOWING OPERATION

BASE OPERATION - LIMITED VARIABLE DISCHARGE AND CONSTANT DISCHARGE

TIME



TIME



Operating Guide N 2

RESERVOIR OPERATION CONSTRAINTS

MAXIMUM RESERVOIR ELEVATION

2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185.
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MINIMUM RESERVOIR ELEVATION

2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065.
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RESERVOIR RELEASE CONSTRAINTS

MINIMUM CONSUMPTIVE RELEASE

0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

MINIMUM NON-POWER RELEASE

0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

100 x OF THE MEAN MONTHLY OPERATING DISCHARGE

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 9559. | 9646. | 8710. | 7873. | 7227. | 6621. | 6134. | 6260. | 6785. | 7808. | 9162. | 10222. |

100 x OF THE MEAN WEEKLY OPERATING DISCHARGE (CFS)

| WEEKS | 1-13 | 14-26 | 27-39 | 40-52 |
|-------|-------|--------|--------|--------|
| 1-13 | 9654. | 9559. | 9559. | 9559. |
| 14-26 | 9596. | 9646. | 9646. | 9646. |
| 27-39 | 7873. | 7873. | 7873. | 7873. |
| 40-52 | 7412. | 7227. | 7227. | 7227. |
| | 7054. | 6621. | 6621. | 6621. |
| | 6134. | 6134. | 6134. | 6134. |
| | 6206. | 6260. | 6260. | 6260. |
| | 6335. | 6785. | 6785. | 6785. |
| | 7808. | 7808. | 7808. | 7808. |
| | 8582. | 9162. | 9162. | 9162. |
| | 9465. | 10222. | 10222. | 10222. |
| | 8710. | 8710. | 8710. | 8710. |
| | 8710. | 8710. | 8710. | 8710. |
| | 8710. | 8710. | 8710. | 8710. |
| | 8710. | 8710. | 8710. | 8710. |

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USEFUL
 STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
 TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF MONTH | | % OF MEAN RATE | | | |
|--------------|----|----------------|-------|-------|-------|
| | | 80. | 100. | 120. | 140. |
| JAN | 0. | 1060. | 1160. | 1400. | 1600. |
| FEB | 0. | 800. | 800. | 1100. | 1260. |
| MAR | 0. | 620. | 680. | 820. | 940. |
| APR | 0. | 500. | 540. | 640. | 760. |
| MAY | 0. | 620. | 680. | 740. | 840. |
| JUN | 0. | 920. | 1040. | 1180. | 1380. |
| JUL | 0. | 1180. | 1360. | 1540. | 1710. |
| AUG | 0. | 1300. | 1550. | 1740. | 1885. |
| SEP | 0. | 1400. | 1640. | 1780. | 1885. |
| OCT | 0. | 1460. | 1720. | 1800. | 1885. |
| NOV | 0. | 1400. | 1600. | 1760. | 1885. |
| DEC | 0. | 1280. | 1400. | 1685. | 1885. |

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MONTHLY

USEFUL
 STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
 TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF MONTH | | % OF MEAN RATE | | | |
|--------------|------|----------------|-------|-------|------|
| | | 64. | 80. | 100. | 120. |
| JAN | 600. | 1000. | 1200. | 1500. | |
| FEB | 720. | 780. | 920. | 1080. | |
| MAR | 560. | 600. | 720. | 820. | |
| APR | 460. | 500. | 580. | 620. | |
| MAY | 460. | 500. | 580. | 620. | |
| JUN | 640. | 700. | 800. | 960. | |
| JUL | 740. | 1020. | 1120. | 1320. | |
| AUG | 800. | 1300. | 1440. | 1660. | |
| SEP | 780. | 1460. | 1620. | 1850. | |
| OCT | 740. | 1480. | 1660. | 1840. | |
| NOV | 640. | 1440. | 1600. | 1780. | |
| DEC | 580. | 1200. | 1480. | 1650. | |

MONTHLY

USEFUL
 STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
 TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF WEEK | | % OF MEAN RATE | | | |
|-------------|----|----------------|-------|-------|-------|
| | | 80. | 100. | 120. | 140. |
| 1 | 0. | 1230. | 1346. | 1621. | 1821. |
| 2 | 0. | 1181. | 1292. | 1556. | 1756. |
| 3 | 0. | 1131. | 1237. | 1492. | 1692. |
| | 0. | 1081. | 1183. | 1428. | 1628. |

EQUIVALENT WEEKLY

N-1

7

| | | | | | |
|----|----|-------|-------|-------|-------|
| 5 | 0. | 1023. | 1120. | 1357. | 1551. |
| 6 | 0. | 958. | 1050. | 1282. | 1466. |
| 7 | 0. | 893. | 980. | 1207. | 1381. |
| 8 | 0. | 828. | 910. | 1132. | 1296. |
| 9 | 0. | 777. | 854. | 1064. | 1219. |
| 10 | 0. | 736. | 809. | 1001. | 1146. |
| 11 | 0. | 695. | 764. | 937. | 1074. |
| 12 | 0. | 655. | 719. | 874. | 1002. |
| 13 | 0. | 616. | 675. | 814. | 934. |
| 14 | 0. | 580. | 643. | 772. | 892. |
| 15 | 0. | 560. | 610. | 730. | 850. |
| 16 | 0. | 532. | 577. | 688. | 808. |
| 17 | 0. | 504. | 545. | 646. | 766. |
| 18 | 0. | 523. | 567. | 659. | 775. |
| 19 | 0. | 550. | 599. | 682. | 794. |
| 20 | 0. | 577. | 630. | 705. | 812. |
| 21 | 0. | 605. | 662. | 727. | 830. |
| 22 | 0. | 650. | 716. | 784. | 894. |
| 23 | 0. | 720. | 800. | 887. | 1020. |
| 24 | 0. | 790. | 884. | 989. | 1146. |
| 25 | 0. | 860. | 968. | 1092. | 1272. |
| 26 | 0. | 928. | 1050. | 1192. | 1391. |
| 27 | 0. | 987. | 1123. | 1273. | 1465. |
| 28 | 0. | 1046. | 1195. | 1354. | 1540. |
| 29 | 0. | 1105. | 1267. | 1435. | 1614. |
| 30 | 0. | 1163. | 1339. | 1517. | 1689. |
| 31 | 0. | 1199. | 1391. | 1572. | 1738. |
| 32 | 0. | 1226. | 1434. | 1617. | 1778. |
| 33 | 0. | 1254. | 1476. | 1663. | 1817. |
| 34 | 0. | 1281. | 1519. | 1708. | 1857. |
| 35 | 0. | 1307. | 1556. | 1743. | 1885. |
| 36 | 0. | 1330. | 1577. | 1752. | 1885. |
| 37 | 0. | 1353. | 1598. | 1761. | 1885. |
| 38 | 0. | 1377. | 1619. | 1771. | 1885. |
| 39 | 0. | 1400. | 1640. | 1780. | 1885. |
| 40 | 0. | 1414. | 1658. | 1785. | 1885. |
| 41 | 0. | 1427. | 1676. | 1789. | 1885. |
| 42 | 0. | 1441. | 1694. | 1794. | 1885. |
| 43 | 0. | 1454. | 1712. | 1798. | 1885. |
| 44 | 0. | 1452. | 1704. | 1795. | 1885. |
| 45 | 0. | 1438. | 1676. | 1785. | 1885. |
| 46 | 0. | 1424. | 1648. | 1776. | 1885. |
| 47 | 0. | 1410. | 1620. | 1767. | 1885. |
| 48 | 0. | 1392. | 1587. | 1755. | 1885. |
| 49 | 0. | 1365. | 1542. | 1738. | 1885. |
| 50 | 0. | 1338. | 1497. | 1721. | 1885. |
| 51 | 0. | 1311. | 1452. | 1704. | 1885. |
| 52 | 0. | 1280. | 1400. | 1685. | 1885. |

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EQUIVALENT
WEEKLY USEFUL
STORAGES
FOR INCREASE

STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
TO THE RATE LISTED (IN 1000 CFS*DAY)

END OF
WEEK

N-1
8

| | | | | |
|----|------|-------|-------|-------|
| 1 | 54. | 80. | 100. | 120. |
| 2 | 55. | 1173. | 1435. | 1616. |
| 3 | 589. | 1146. | 1390. | 1582. |
| 4 | 594. | 1119. | 1345. | 1548. |
| 5 | 598. | 1092. | 1299. | 1515. |
| 6 | 617. | 1037. | 1229. | 1440. |
| 7 | 647. | 962. | 1139. | 1335. |
| 8 | 677. | 887. | 1049. | 1230. |
| 9 | 707. | 812. | 959. | 1125. |
| 10 | 699. | 757. | 894. | 1046. |
| 11 | 663. | 716. | 849. | 980. |
| 12 | 627. | 675. | 804. | 929. |
| 13 | 591. | 635. | 759. | 870. |
| 14 | 557. | 597. | 715. | 813. |
| 15 | 533. | 573. | 683. | 767. |
| 16 | 510. | 550. | 650. | 720. |
| 17 | 487. | 527. | 617. | 673. |
| 18 | 463. | 503. | 585. | 627. |
| 19 | 460. | 500. | 580. | 620. |
| 20 | 460. | 500. | 580. | 620. |
| 21 | 460. | 500. | 580. | 620. |
| 22 | 470. | 520. | 602. | 654. |
| 23 | 520. | 567. | 653. | 733. |
| 24 | 562. | 613. | 705. | 813. |
| 25 | 604. | 660. | 756. | 892. |
| 26 | 643. | 710. | 810. | 972. |
| 27 | 660. | 703. | 803. | 1053. |
| 28 | 692. | 855. | 955. | 1134. |
| 29 | 717. | 927. | 1027. | 1215. |
| 30 | 741. | 999. | 1099. | 1297. |
| 31 | 756. | 1065. | 1172. | 1375. |
| 32 | 760. | 1128. | 1244. | 1452. |
| 33 | 780. | 1192. | 1316. | 1528. |
| 34 | 792. | 1255. | 1380. | 1605. |
| 35 | 799. | 1311. | 1452. | 1673. |
| 36 | 794. | 1340. | 1494. | 1717. |
| 37 | 789. | 1305. | 1536. | 1761. |
| 38 | 785. | 1423. | 1570. | 1806. |
| 39 | 780. | 1460. | 1620. | 1850. |
| 40 | 771. | 1465. | 1629. | 1848. |
| 41 | 762. | 1469. | 1630. | 1845. |
| 42 | 753. | 1474. | 1647. | 1843. |
| 43 | 744. | 1478. | 1656. | 1841. |
| 44 | 727. | 1475. | 1652. | 1832. |
| 45 | 703. | 1465. | 1630. | 1810. |
| 46 | 680. | 1456. | 1624. | 1804. |
| 47 | 657. | 1447. | 1610. | 1790. |
| 48 | 636. | 1425. | 1592. | 1772. |
| 49 | 623. | 1370. | 1565. | 1742. |
| 50 | 609. | 1316. | 1530. | 1713. |
| 51 | 595. | 1262. | 1511. | 1684. |
| 52 | 580. | 1200. | 1480. | 1650. |

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

WEEKLY EQUIVALENT USEFUL
 STORAGES FOR REDUCTION

FLOW RELEASE RATE (% OF AVERAGE)

Calendar years

70% of mean annual

| | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1950 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1951 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 122.2 | 106.9 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1952 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 120.0 | 120.0 | 140.0 | 140.0 | 130.8 | 122.2 | 122.0 | 121.9 | 106.8 |
| | 140.0 | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1953 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 111.4 | 117.3 | 115.7 | 114.6 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 122.1 | 122.1 | 122.0 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1954 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 131.0 | 122.1 | 122.0 | 122.0 | 106.6 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1955 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 |
| | 100.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 140.0 | 150.3 | 131.1 | 122.2 | 122.0 | 122.0 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 |
| 1956 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 115.6 | 113.6 | 112.5 |
| | 120.0 | 140.0 | 140.0 | 140.0 | 151.8 | 150.4 | 150.4 | 150.2 | 130.8 | 122.1 | 122.3 | 122.3 | 106.8 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1957 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 116.3 | 114.7 | 113.7 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 130.9 | 122.2 | 122.2 | 122.2 | 107.0 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1958 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 120.0 | 120.0 | 120.0 | 130.7 | 122.0 | 122.1 | 122.2 | 107.0 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1959 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 120.0 | 120.0 | 120.0 | 120.0 | 150.9 | 131.1 | 122.4 | 122.0 | 121.9 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1960 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 120.0 | 122.4 | 122.2 | 106.9 |
| | 140.0 | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1961 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 | 113.4 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 140.0 | 150.2 | 150.2 | 130.7 | 122.0 | 122.0 | 122.0 | 106.8 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1962 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 113.0 | 111.3 |
| | 100.0 | 140.0 | 140.0 | 153.4 | 151.7 | 150.2 | 150.2 | 150.2 | 131.0 | 122.3 | 122.0 | 122.0 | 106.8 |

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RELEASE RATES - 70% of mean annual flow

N-1

128

148.0 140.0 120.0 120.0 120.0 120.0 120.0 120.0 100.0 100.0 100.0 100.0 100.0 100.0

RELEASE RATES
% OF REVENUE

**CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION**

N-1
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| | | | | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1963 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 80.0 | 100.0 | 115.8 | 114.6 | 113.5 | |
| | 120.0 | 120.0 | 140.0 | 140.0 | 151.7 | 150.3 | 150.2 | 150.2 | 130.9 | 122.1 | 122.0 | 121.9 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1964 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 111.5 |
| | 140.0 | 140.0 | 140.0 | 140.0 | 140.0 | 150.1 | 149.9 | 150.0 | 130.7 | 121.9 | 121.9 | 121.9 | 106.6 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1965 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 80.0 | 80.0 | 100.0 |
| | 100.0 | 100.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 150.1 | 130.6 | 122.1 | 122.2 | 122.2 | 107.1 |
| | 100.0 | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1966 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 113.7 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 122.0 | 122.0 | 106.6 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1967 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 114.9 | 113.6 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 140.0 | 150.5 | 150.4 | 130.9 | 122.4 | 122.1 | 122.0 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1968 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 117.9 | 116.2 | 114.3 |
| | 120.0 | 120.0 | 140.0 | 140.0 | 140.0 | 140.0 | 150.0 | 149.9 | 130.7 | 121.9 | 121.9 | 121.9 | 106.7 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1969 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1970 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1971 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 120.0 | 150.0 | 150.3 | 130.9 | 122.3 | 122.0 | 121.9 | 106.7 |
| | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1972 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 116.1 | 114.4 | 112.6 | 111.5 |
| | 140.0 | 140.0 | 140.0 | 140.0 | 140.0 | 150.2 | 150.1 | 150.1 | 130.7 | 122.0 | 122.1 | 122.0 | 106.6 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 |
| 1973 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1974 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 1975 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 80.0 | 100.0 | 114.5 | 113.1 |
| | 120.0 | 120.0 | 140.0 | 140.0 | 140.0 | 146.1 | 150.1 | 150.0 | 130.7 | 121.9 | 122.2 | 122.2 | 106.9 |
| | 140.0 | 140.0 | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

RELEASE RATES
 PER CENT OF
 MEAN

N-1
 130

WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

CALENDAR YEAR BASIS 4960 GWH (1999)
OPERATION BY OPERATING GUIDE N-1

*****WATANA RESERVOIR, CALENDAR YEAR 1979*****

*"Spill" - 2 water
from thru 31
CN2 Supplement*

*Because
Wattana is
held - goes
low level
the
week*

Low Flow Year

*max power No
plant could
produce*

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EOW RES CONTENT (1000 AF) | EOW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GWH) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|---------------|
| JAN | 1 | 1225. | 7723. | 0. | 0. | 80. | 0. | 7840.4 | 2138.7 | 1455.1 | 674.8 | 88.2 | 1872.7 | 65 |
| | 2 | 1177. | 7647. | 0. | 0. | 80. | 0. | 7758.5 | 2135.8 | 1455.1 | 671.9 | 88.2 | 1866.0 | 64 |
| | 3 | 1177. | 7647. | 0. | 0. | 80. | 0. | 7660.7 | 2132.9 | 1455.1 | 669.0 | 88.1 | 1859.2 | 64 |
| | 4 | 1177. | 7647. | 0. | 0. | 80. | 0. | 7570.8 | 2130.8 | 1455.1 | 666.2 | 88.1 | 1852.4 | 63 |
| | 5 | 1093. | 7677. | 0. | 0. | 80. | 0. | 7479.4 | 2127.0 | 1455.1 | 663.3 | 88.0 | 1845.6 | 63 |
| FEB | 4 | 1093. | 7717. | 0. | 0. | 80. | 0. | 7387.4 | 2124.0 | 1455.1 | 660.3 | 88.0 | 1838.6 | 63 |
| | 7 | 1093. | 7717. | 0. | 0. | 80. | 0. | 7295.4 | 2121.1 | 1455.1 | 657.4 | 88.0 | 1831.7 | 63 |
| | 8 | 1093. | 7717. | 0. | 0. | 80. | 0. | 7203.4 | 2118.1 | 1455.1 | 654.5 | 87.9 | 1824.8 | 63 |
| | 9 | 1009. | 7396. | 0. | 0. | 80. | 0. | 7114.7 | 2115.2 | 1455.0 | 651.7 | 87.9 | 1818.2 | 60 |
| MAR | 4 | 1009. | 5574. | 0. | 0. | 64. | 0. | 7051.3 | 2113.2 | 1454.3 | 650.8 | 87.9 | 1814.1 | 45 |
| | 11 | 1009. | 5574. | 0. | 0. | 64. | 0. | 6987.9 | 2111.1 | 1454.3 | 647.9 | 87.8 | 1809.3 | 45 |
| | 12 | 1009. | 5574. | 0. | 0. | 64. | 0. | 6924.5 | 2109.1 | 1454.3 | 645.9 | 87.8 | 1804.6 | 45 |
| | 13 | 1009. | 5574. | 0. | 0. | 64. | 0. | 6861.1 | 2107.0 | 1454.3 | 643.9 | 87.8 | 999.9 | 44 |
| APR | 1 | 1009. | 5039. | 0. | 0. | 64. | 0. | 6805.1 | 2105.2 | 1454.1 | 642.2 | 87.7 | 996.0 | 40 |
| | 15 | 1057. | 5039. | 0. | 0. | 64. | 0. | 6749.8 | 2103.4 | 1454.1 | 640.4 | 87.7 | 992.0 | 40 |
| | 16 | 1165. | 5039. | 0. | 0. | 64. | 0. | 6696.0 | 2101.7 | 1454.1 | 638.7 | 87.7 | 988.0 | 40 |
| | 17 | 1466. | 5039. | 0. | 0. | 64. | 0. | 6646.4 | 2100.0 | 1454.1 | 637.0 | 87.7 | 984.2 | 40 |
| | 18 | 2307. | 4743. | 0. | 0. | 64. | 0. | 6612.6 | 2098.8 | 1454.1 | 635.6 | 87.7 | 981.0 | 37 |
| MAY | 6 | 4325. | 4625. | 0. | 0. | 64. | 0. | 6600.4 | 2098.6 | 1454.1 | 634.9 | 87.6 | 979.4 | 36 |
| | 20 | 10091. | 4625. | 0. | 0. | 64. | 0. | 6604.3 | 2101.3 | 1454.1 | 636.2 | 87.7 | 982.2 | 36 |
| | 21 | 16097. | 4625. | 0. | 0. | 64. | 0. | 6843.6 | 2106.4 | 1454.1 | 640.8 | 87.7 | 991.1 | 37 |
| | 22 | 26633. | 4514. | 0. | 0. | 64. | 0. | 7150.8 | 2116.4 | 1454.1 | 647.5 | 87.8 | 1000.3 | 36 |
| JUN | 3 | 23113. | 5297. | 0. | 0. | 80. | 0. | 7398.2 | 2124.4 | 1454.2 | 656.2 | 87.9 | 1020.0 | 43 |
| | 24 | 19401. | 6621. | 0. | 0. | 100. | 0. | 7575.7 | 2130.1 | 1454.7 | 662.4 | 88.0 | 1043.6 | 55 |
| | 25 | 17515. | 6621. | 0. | 0. | 100. | 0. | 7727.0 | 2135.0 | 1454.7 | 667.7 | 88.1 | 1056.0 | 55 |
| | 26 | 21671. | 6621. | 0. | 0. | 100. | 0. | 7936.0 | 2141.8 | 1454.7 | 673.4 | 88.2 | 1069.6 | 56 |
| JUL | 1 | 22176. | 6134. | 0. | 0. | 100. | 0. | 8158.8 | 2149.0 | 1454.6 | 680.5 | 88.3 | 1086.3 | 52 |
| | 28 | 21936. | 6134. | 0. | 0. | 100. | 0. | 8378.3 | 2155.2 | 1454.6 | 687.1 | 88.2 | 1102.0 | 53 |
| | 29 | 26705. | 6134. | 0. | 0. | 100. | 0. | 8664.0 | 2163.0 | 1454.6 | 694.0 | 88.2 | 1118.5 | 53 |
| | 30 | 27293. | 7361. | 0. | 0. | 120. | 0. | 8940.8 | 2170.6 | 1455.0 | 701.1 | 88.1 | 1135.6 | 64 |
| | 31 | 22296. | 7447. | 0. | 0. | 120. | 0. | 9147.0 | 2176.2 | 1455.0 | 707.6 | 88.0 | 1151.4 | 66 |
| AUG | 5 | 20854. | 7512. | 0. | 0. | 120. | 0. | 9332.3 | 2181.3 | 1455.1 | 712.8 | 88.0 | 1164.3 | 67 |
| | 33 | 16842. | 8764. | 0. | 0. | 140. | 0. | 9444.5 | 2184.3 | 1455.5 | 716.4 | 87.9 | 1173.0 | 70 |
| | 34 | 14343. | 9389. | 0. | 3218. | 150. | 0. | 9468.6 | 2185.0 | 1456.7 | 717.1 | 87.9 | 1174.8 | 84 |
| | 35 | 12758. | 8281. | 0. | 4477. | 131. | 0. | 9468.6 | 2185.0 | 1456.7 | 717.4 | 87.9 | 1175.5 | 74 |
| SEP | 2 | 7944. | 8268. | 0. | 0. | 122. | 0. | 9464.1 | 2184.9 | 1455.4 | 718.6 | 87.9 | 1178.5 | 74 |
| | 37 | 7739. | 8270. | 0. | 0. | 122. | 0. | 9456.7 | 2184.7 | 1455.4 | 718.5 | 87.9 | 1178.1 | 74 |
| | 38 | 11388. | 8277. | 0. | 2256. | 122. | 0. | 9468.6 | 2185.0 | 1456.1 | 717.8 | 87.9 | 1176.4 | 74 |
| | 39 | 10305. | 7241. | 0. | 3064. | 107. | 0. | 9468.6 | 2185.0 | 1456.1 | 718.0 | 87.9 | 1176.9 | 74 |
| OCT | 1 | 6035. | 10931. | 0. | 0. | 140. | 0. | 9408.9 | 2183.4 | 1456.2 | 717.0 | 87.9 | 1174.6 | 90 |
| | 41 | 8421. | 10931. | 0. | 0. | 140. | 0. | 9374.1 | 2182.4 | 1456.2 | 715.8 | 87.9 | 1171.5 | 90 |
| | 42 | 5915. | 9370. | 0. | 0. | 120. | 0. | 9326.1 | 2181.1 | 1455.0 | 715.1 | 88.0 | 1169.9 | 83 |
| | 43 | 4370. | 9370. | 0. | 0. | 120. | 0. | 9256.7 | 2179.2 | 1455.0 | 713.5 | 88.0 | 1166.0 | 83 |
| | 44 | 4096. | 10298. | 0. | 0. | 120. | 0. | 9170.5 | 2176.8 | 1456.1 | 711.1 | 88.0 | 1160.1 | 91 |
| NOV | 5 | 3720. | 10994. | 0. | 0. | 120. | 0. | 9069.5 | 2174.1 | 1456.2 | 708.4 | 88.0 | 1153.5 | 97 |
| | 46 | 4145. | 10994. | 0. | 0. | 120. | 0. | 8974.4 | 2171.5 | 1456.2 | 705.8 | 88.0 | 1147.1 | 97 |

| | | | | | | | | | | | | | | | |
|-----|---|----|-------|--------|----|------|------|----|--------|--------|--------|-------|------|--------|------|
| DEC | 3 | 47 | 2967. | 10994. | 0. | 0. | 120. | 0. | 8862.9 | 2168.4 | 1456.2 | 703.0 | 88.1 | 140.3 | 96 |
| | | 48 | 2823. | 9465. | 0. | 0. | 100. | 0. | 8770.6 | 2165.9 | 1455.8 | 700.7 | 88.1 | 134.6 | 83 |
| | | 49 | 2307. | 10222. | 0. | 0. | 100. | 0. | 8660.7 | 2162.9 | 1456.1 | 697.7 | 88.1 | 1127.5 | 89 |
| | | 50 | 2078. | 10222. | 0. | 0. | 100. | 0. | 8547.6 | 2159.8 | 1456.1 | 694.7 | 88.1 | 1120.3 | 89 |
| | | 51 | 1898. | 10222. | 0. | 0. | 100. | 0. | 8432.0 | 2156.6 | 1456.1 | 691.6 | 88.2 | 1112.9 | 88 |
| | | 52 | 1718. | 10222. | 0. | 0. | 100. | 0. | 8313.9 | 2153.4 | 1456.1 | 688.5 | 88.2 | 1105.4 | 88 |
| | | | 8340. | 7559. | 0. | 250. | 96. | 0. | 8107.5 | 2145.2 | 1455.2 | 679.6 | 88.0 | 1084.9 | 3387 |

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

1979

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| | | ***** PRODUCTION SUMMARY, CALENDAR YEAR 1979 ***** | | | | | | | | | | | | |
|-------------------------|-----------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| *** ENERGY (GWH) *** | | <i>Week</i> | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| JATANA | RESERVOIR | 65.5 | 64.5 | 64.2 | 63.9 | 63.9 | 63.9 | 63.6 | 63.2 | 60.3 | 45.3 | 45.2 | 45.0 | 44.9 |
| | | 40.4 | 40.3 | 40.2 | 40.1 | 37.0 | 36.7 | 36.7 | 37.0 | 36.6 | 43.5 | 55.0 | 55.5 | 56.0 |
| | | 52.5 | 53.0 | 53.4 | 64.7 | 66.1 | 67.1 | 70.6 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | | 98.2 | 98.0 | 83.9 | 83.8 | 91.8 | 97.6 | 97.3 | 96.9 | 83.2 | 89.5 | 89.2 | 88.8 | 88.4 |
| TOTAL ENERGY PRODUCTION | | 65.5 | 64.5 | 64.2 | 63.9 | 63.9 | 63.9 | 63.6 | 63.2 | 60.3 | 45.3 | 45.2 | 45.0 | 44.9 |
| | | 40.4 | 40.3 | 40.2 | 40.1 | 37.6 | 36.7 | 36.7 | 37.0 | 36.6 | 43.5 | 55.0 | 55.5 | 56.0 |
| | | 52.5 | 53.0 | 53.4 | 64.7 | 66.1 | 67.1 | 70.6 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | | 98.2 | 98.0 | 83.9 | 83.8 | 91.8 | 97.6 | 97.3 | 96.9 | 83.2 | 89.5 | 89.2 | 88.8 | 88.4 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| FIRM TARGET | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 |
| | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 |
| SECONDARY | | 24.0 | 23.0 | 22.7 | 22.4 | 25.7 | 25.7 | 25.4 | 25.1 | 30.4 | 15.5 | 15.3 | 15.1 | 15.0 |
| | | 8.9 | 8.8 | 8.7 | 8.5 | 7.8 | 6.8 | 6.9 | 7.1 | 15.0 | 22.0 | 33.4 | 33.9 | 34.4 |
| | | 24.3 | 24.7 | 25.2 | 36.5 | 37.8 | 38.9 | 50.4 | 56.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| SHORTAGE | | 61.6 | 61.5 | 47.4 | 47.2 | 51.9 | 57.8 | 57.5 | 57.1 | 46.7 | 53.0 | 52.6 | 52.3 | 51.9 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| *** CAPABILITY (MW) *** | | | | | | | | | | | | | | |
|-------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| JATANA | RESERVOIR | 1072.7 | 1066.0 | 1059.2 | 1052.4 | 1045.6 | 1038.6 | 1031.7 | 1024.8 | 1018.2 | 1014.1 | 1009.3 | 1004.6 | 999.9 |
| | | 996.0 | 992.0 | 988.0 | 984.2 | 981.0 | 979.4 | 982.2 | 991.1 | 1000.3 | 1020.8 | 1043.6 | 1056.0 | 1069.6 |
| | | 1006.3 | 1102.0 | 1118.5 | 1135.6 | 1151.4 | 1164.3 | 1173.0 | 1174.8 | 1175.5 | 1178.5 | 1178.1 | 1176.4 | 1176.9 |
| | | 1174.6 | 1171.5 | 1169.9 | 1166.0 | 1160.1 | 1153.5 | 1147.1 | 1140.3 | 1134.6 | 1127.5 | 1120.3 | 1112.9 | 1105.4 |
| TOTAL CAPABILITY | | 1072.7 | 1066.0 | 1059.2 | 1052.4 | 1045.6 | 1038.6 | 1031.7 | 1024.8 | 1018.2 | 1014.1 | 1009.3 | 1004.6 | 999.9 |
| | | 996.0 | 992.0 | 988.0 | 984.2 | 981.0 | 979.4 | 982.2 | 991.1 | 1000.3 | 1020.8 | 1043.6 | 1056.0 | 1069.6 |
| | | 1006.3 | 1102.0 | 1118.5 | 1135.6 | 1151.4 | 1164.3 | 1173.0 | 1174.8 | 1175.5 | 1178.5 | 1178.1 | 1176.4 | 1176.9 |
| | | 1174.6 | 1171.5 | 1169.9 | 1166.0 | 1160.1 | 1153.5 | 1147.1 | 1140.3 | 1134.6 | 1127.5 | 1120.3 | 1112.9 | 1105.4 |

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| | | | | | | | | | | | | | | | |
|-----|---|------|-------|-------|----|-----|-----|--------|--------|--------|--------|-------|--------|--------|------|
| | | 841. | 7330. | 0. | 0. | 80. | 0. | 7589.5 | 2130.6 | 1455.0 | 666.9 | 88.1 | 1051.1 | 61 | |
| | | 787. | 7572. | 0. | 0. | 80. | 0. | 7495.3 | 2127.5 | 1455.1 | 663.9 | 88.1 | 1047.0 | 63 | |
| DEC | 3 | 49 | 8178. | 0. | 0. | 80. | 0. | 7392.2 | 2124.2 | 1455.3 | 660.5 | 88.0 | 1039.0 | 67 | |
| | | 50 | 8178. | 0. | 0. | 80. | 0. | 7288.6 | 2120.8 | 1455.3 | 657.2 | 88.0 | 1031.2 | 67 | |
| | | 51 | 8178. | 0. | 0. | 80. | 0. | 7185.0 | 2117.5 | 1455.3 | 653.9 | 87.9 | 1023.4 | 67 | |
| | | 52 | 8178. | 0. | 0. | 80. | 0. | 7081.4 | 2114.1 | 1455.3 | 650.6 | 87.9 | 1015.6 | 66 | |
| | | | 4641. | 6016. | 0. | 0. | 74. | 0. | 7484.6 | 2127.2 | 1454.6 | 662.8 | 88.0 | 1044.7 | 2607 |

1969

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1969 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| WATANA | RESERVOIR | 66.0 | 65.0 | 64.7 | 64.3 | 64.2 | 64.2 | 63.9 | 63.6 | 60.6 | 56.8 | 56.6 | 56.3 | 56.0 | |
| | | 50.4 | 40.2 | 40.1 | 40.0 | 37.6 | 36.6 | 36.7 | 37.0 | 36.3 | 34.3 | 34.5 | 34.7 | 35.0 | |
| | | 32.6 | 32.0 | 33.1 | 33.4 | 33.9 | 34.4 | 43.1 | 43.1 | 43.6 | 46.7 | 46.7 | 46.7 | 53.3 | |
| | | 53.6 | 53.5 | 53.4 | 53.2 | 50.2 | 61.9 | 61.6 | 61.3 | 63.0 | 67.7 | 67.3 | 67.0 | 66.6 | 260 |
| TOTAL ENERGY PRODUCTION | | 66.0 | 65.0 | 64.7 | 64.3 | 64.2 | 64.2 | 63.9 | 63.6 | 60.6 | 56.8 | 56.6 | 56.3 | 56.0 | |
| | | 50.4 | 40.2 | 40.1 | 40.0 | 37.6 | 36.6 | 36.7 | 37.0 | 36.3 | 34.3 | 34.5 | 34.7 | 35.0 | |
| | | 32.6 | 32.0 | 33.1 | 33.4 | 33.9 | 34.4 | 43.1 | 43.1 | 43.6 | 46.7 | 46.7 | 46.7 | 53.3 | |
| | | 53.6 | 53.5 | 53.4 | 53.2 | 50.2 | 61.9 | 61.6 | 61.3 | 63.0 | 67.7 | 67.3 | 67.0 | 66.6 | 260 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 04.3 | 04.3 | 04.3 | 04.3 | 04.3 | 04.3 | 04.3 | 04.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 260 |
| FIRM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| | | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 166 |
| SECONDARY | | 24.5 | 23.5 | 23.2 | 22.0 | 26.1 | 26.0 | 25.7 | 25.4 | 30.7 | 27.0 | 26.7 | 26.4 | 26.2 | |
| | | 10.9 | 0.7 | 0.6 | 0.5 | 7.7 | 6.7 | 6.8 | 7.1 | 14.7 | 12.7 | 12.9 | 13.1 | 13.4 | |
| | | 4.4 | 4.6 | 4.9 | 5.1 | 5.7 | 6.2 | 14.9 | 14.9 | 10.7 | 21.0 | 21.0 | 21.0 | 20.4 | |
| | | 17.0 | 17.0 | 16.0 | 16.7 | 18.4 | 22.1 | 21.0 | 21.5 | 26.5 | 31.2 | 30.0 | 30.4 | 30.1 | 94 |
| SHORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WATANA | RESERVOIR | 1003.5 | 1076.2 | 1068.0 | 1061.4 | 1054.0 | 1046.5 | 1039.1 | 1031.7 | 1024.7 | 1010.2 | 1011.6 | 1005.1 | 990.7 |
| | | 993.3 | 989.5 | 985.5 | 981.7 | 970.8 | 970.0 | 981.1 | 990.2 | 999.3 | 1005.6 | 1014.0 | 1024.6 | 1035.1 |
| | | 1044.2 | 1054.0 | 1065.6 | 1076.1 | 1084.5 | 1092.6 | 1097.3 | 1097.9 | 1097.7 | 1097.1 | 1096.6 | 1095.4 | 1093.7 |
| | | 1090.4 | 1087.2 | 1083.7 | 1079.5 | 1073.0 | 1067.4 | 1060.0 | 1054.1 | 1047.0 | 1039.0 | 1031.2 | 1023.4 | 1015.6 |
| TOTAL CAPABILITY | | 1003.5 | 1076.2 | 1068.0 | 1061.4 | 1054.0 | 1046.5 | 1039.1 | 1031.7 | 1024.7 | 1010.2 | 1011.6 | 1005.1 | 990.7 |
| | | 993.3 | 989.5 | 985.5 | 981.7 | 970.8 | 970.0 | 981.1 | 990.2 | 999.3 | 1005.6 | 1014.0 | 1024.6 | 1035.1 |
| | | 1044.2 | 1054.0 | 1065.6 | 1076.1 | 1084.5 | 1092.6 | 1097.3 | 1097.9 | 1097.7 | 1097.1 | 1096.6 | 1095.4 | 1093.7 |
| | | 1090.4 | 1087.2 | 1083.7 | 1079.5 | 1073.0 | 1067.4 | 1060.0 | 1054.1 | 1047.0 | 1039.0 | 1031.2 | 1023.4 | 1015.6 |

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WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

CALENDAR YEAR BASIS 4960 GWH (1999)
OPERATION BY OPERATING GUIDE N-1

Low Flow Year

*****WATANA

RESERVOIR, CALENDAR YEAR 1970 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (X) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (X) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN 1 | 1 | 715. | 7723. | 0. | 0. | 80. | 0. | 6984.0 | 2111.0 | 1455.1 | 647.5 | 87.8 | 1008.4 | 62 |
| | 2 | 715. | 7647. | 0. | 0. | 80. | 0. | 6887.8 | 2107.9 | 1455.1 | 644.5 | 87.8 | 1001.3 | 61 |
| | 3 | 685. | 6118. | 0. | 0. | 64. | 0. | 6812.3 | 2105.4 | 1454.5 | 642.3 | 87.8 | 996.3 | 49 |
| | 4 | 673. | 6118. | 0. | 0. | 64. | 0. | 6736.7 | 2103.0 | 1454.5 | 639.9 | 87.7 | 990.8 | 48 |
| | 5 | 673. | 6142. | 0. | 0. | 64. | 0. | 6668.8 | 2100.5 | 1454.6 | 637.5 | 87.7 | 985.2 | 48 |
| FEB 4 | 6 | 673. | 6173. | 0. | 0. | 64. | 0. | 6584.4 | 2097.7 | 1454.6 | 634.9 | 87.6 | 979.2 | 48 |
| | 7 | 631. | 6173. | 0. | 0. | 64. | 0. | 6507.4 | 2094.7 | 1454.6 | 632.8 | 87.6 | 972.6 | 48 |
| | 8 | 631. | 6173. | 0. | 0. | 64. | 0. | 6438.4 | 2091.8 | 1454.6 | 629.1 | 87.6 | 965.9 | 48 |
| | 9 | 631. | 5917. | 0. | 0. | 64. | 0. | 6357.0 | 2089.0 | 1454.5 | 626.4 | 87.5 | 959.6 | 46 |
| MAR 4 | 10 | 631. | 5574. | 0. | 0. | 64. | 0. | 6288.4 | 2086.3 | 1454.3 | 623.8 | 87.5 | 953.8 | 47 |
| | 11 | 643. | 5574. | 0. | 0. | 64. | 0. | 6219.9 | 2083.7 | 1454.3 | 621.2 | 87.4 | 947.8 | 47 |
| | 12 | 673. | 5574. | 0. | 0. | 64. | 0. | 6151.8 | 2081.1 | 1454.3 | 618.6 | 87.4 | 941.9 | 42 |
| | 13 | 673. | 5574. | 0. | 0. | 64. | 0. | 6083.7 | 2078.5 | 1454.3 | 616.1 | 87.4 | 936.0 | 42 |
| APR 1 | 14 | 715. | 5339. | 0. | 0. | 64. | 0. | 6023.7 | 2076.2 | 1454.1 | 613.9 | 87.3 | 930.9 | 38 |
| | 15 | 787. | 5039. | 0. | 0. | 64. | 0. | 5964.6 | 2073.9 | 1454.1 | 611.6 | 87.3 | 925.8 | 38 |
| | 16 | 901. | 5039. | 0. | 0. | 64. | 0. | 5907.2 | 2071.7 | 1454.1 | 609.4 | 87.3 | 920.9 | 38 |
| | 17 | 1093. | 5039. | 0. | 0. | 64. | 0. | 5852.4 | 2069.6 | 1454.1 | 607.3 | 87.2 | 916.1 | 38 |
| | 18 | 1634. | 4743. | 0. | 0. | 64. | 0. | 5809.2 | 2068.0 | 1454.1 | 605.5 | 87.2 | 912.1 | 35 |
| MAY 6 | 19 | 3880. | 4625. | 0. | 0. | 64. | 0. | 5798.8 | 2067.6 | 1454.1 | 604.5 | 87.2 | 909.9 | 34 |
| | 20 | 13743. | 4625. | 0. | 0. | 64. | 0. | 5925.5 | 2072.4 | 1454.1 | 606.7 | 87.2 | 914.8 | 34 |
| | 21 | 12409. | 4625. | 0. | 0. | 64. | 0. | 6033.6 | 2076.6 | 1454.1 | 611.1 | 87.3 | 924.7 | 35 |
| | 22 | 15244. | 4514. | 0. | 0. | 64. | 0. | 6182.6 | 2082.3 | 1454.1 | 616.8 | 87.4 | 935.8 | 34 |
| JUN 3 | 23 | 14271. | 4237. | 0. | 0. | 64. | 0. | 6321.9 | 2087.6 | 1454.0 | 621.5 | 87.5 | 948.4 | 32 |
| | 24 | 13767. | 4237. | 0. | 0. | 64. | 0. | 6454.3 | 2092.7 | 1454.0 | 626.6 | 87.5 | 960.2 | 33 |
| | 25 | 13034. | 4237. | 0. | 0. | 64. | 0. | 6576.4 | 2097.4 | 1454.0 | 631.4 | 87.6 | 971.2 | 33 |
| | 26 | 21948. | 4237. | 0. | 0. | 64. | 0. | 6822.4 | 2105.7 | 1454.0 | 637.8 | 87.7 | 986.8 | 33 |
| JUL 1 | 27 | 21047. | 3926. | 0. | 0. | 64. | 0. | 7068.2 | 2113.4 | 1454.0 | 645.8 | 87.8 | 1004.2 | 31 |
| | 28 | 17659. | 3926. | 0. | 0. | 64. | 0. | 7250.9 | 2119.6 | 1454.0 | 652.6 | 87.9 | 1020.4 | 32 |
| | 29 | 18928. | 3926. | 0. | 0. | 64. | 0. | 7459.1 | 2126.4 | 1454.0 | 659.8 | 88.0 | 1035.4 | 32 |
| | 30 | 18091. | 3926. | 0. | 0. | 64. | 0. | 7655.9 | 2132.7 | 1454.0 | 665.4 | 88.1 | 1050.6 | 32 |
| | 31 | 22224. | 3972. | 0. | 0. | 64. | 0. | 7909.4 | 2140.9 | 1454.0 | 672.6 | 88.2 | 1067.6 | 33 |
| AUG 5 | 32 | 19233. | 4086. | 0. | 0. | 64. | 0. | 8128.8 | 2147.8 | 1454.0 | 680.8 | 88.3 | 1085.1 | 34 |
| | 33 | 14860. | 4086. | 0. | 0. | 64. | 0. | 8271.6 | 2152.3 | 1454.0 | 685.6 | 88.2 | 1098.4 | 34 |
| | 34 | 16794. | 5088. | 0. | 0. | 80. | 0. | 8435.2 | 2156.7 | 1454.1 | 689.9 | 88.2 | 1108.7 | 43 |
| | 35 | 11592. | 5068. | 0. | 0. | 80. | 0. | 8525.8 | 2159.2 | 1454.1 | 693.3 | 88.2 | 1116.9 | 44 |
| SEP 2 | 36 | 10084. | 5428. | 0. | 0. | 80. | 0. | 8589.4 | 2161.0 | 1454.3 | 695.2 | 88.1 | 1121.5 | 47 |
| | 37 | 7968. | 5428. | 0. | 0. | 80. | 0. | 8624.6 | 2161.9 | 1454.3 | 696.6 | 88.1 | 1124.7 | 47 |
| | 38 | 8109. | 5428. | 0. | 0. | 80. | 0. | 8661.8 | 2162.9 | 1454.3 | 697.5 | 88.1 | 1127.8 | 47 |
| | 39 | 5166. | 5428. | 0. | 0. | 80. | 0. | 8657.6 | 2162.8 | 1454.3 | 698.8 | 88.1 | 1128.1 | 54 |
| OCT 1 | 40 | 5901. | 6246. | 0. | 0. | 80. | 0. | 8652.8 | 2162.7 | 1454.6 | 697.5 | 88.1 | 1127.8 | 54 |
| | 41 | 4925. | 6246. | 0. | 0. | 80. | 0. | 8634.5 | 2162.2 | 1454.6 | 697.2 | 88.1 | 1126.3 | 54 |
| | 42 | 4012. | 6246. | 0. | 0. | 80. | 0. | 8603.5 | 2161.3 | 1454.6 | 696.6 | 88.1 | 1124.7 | 54 |
| | 43 | 3412. | 6246. | 0. | 0. | 80. | 0. | 8564.1 | 2160.3 | 1454.6 | 695.6 | 88.1 | 1122.4 | 54 |
| | 44 | 3364. | 6865. | 0. | 0. | 80. | 0. | 8515.5 | 2158.9 | 1454.8 | 694.2 | 88.2 | 1119.1 | 59 |
| NOV 5 | 45 | 3195. | 7330. | 0. | 0. | 80. | 0. | 8458.8 | 2157.4 | 1455.0 | 692.6 | 88.2 | 1115.2 | 63 |
| | 46 | 2907. | 7330. | 0. | 0. | 80. | 0. | 8396.6 | 2155.7 | 1455.0 | 691.8 | 88.2 | 1111.4 | 63 |

| | | | | | | | | | | | | | | | |
|-----|---|----|-------|-------|----|----|-----|----|--------|--------|--------|-------|------|--------|------|
| DEC | 3 | 47 | 2571. | 7330. | 0. | 0. | 80. | 0. | 8330.5 | 2153.9 | 1455.0 | 689.3 | 88.2 | 17.3 | 63 |
| | | 48 | 2307. | 7572. | 0. | 0. | 80. | 0. | 8257.4 | 2151.9 | 1455.1 | 687.3 | 88.2 | 1102.6 | 65 |
| | | 49 | 2162. | 8178. | 0. | 0. | 80. | 0. | 8173.9 | 2149.5 | 1455.3 | 684.9 | 88.2 | 1096.9 | 70 |
| | | 50 | 2018. | 8178. | 0. | 0. | 80. | 0. | 8088.3 | 2146.7 | 1455.3 | 682.4 | 88.3 | 1090.9 | 70 |
| | | 51 | 1850. | 8178. | 0. | 0. | 80. | 0. | 8000.4 | 2143.9 | 1455.3 | 679.7 | 88.3 | 1084.2 | 69 |
| | | 52 | 1650. | 8178. | 0. | 0. | 80. | 0. | 7909.9 | 2141.0 | 1455.3 | 676.8 | 88.2 | 1077.5 | 69 |
| | | | 6800. | 5660. | 0. | 0. | 70. | 0. | 7272.8 | 2118.8 | 1454.4 | 654.1 | 87.8 | 1024.8 | 2426 |

1970

CONFIDENTIAL: PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

N-1
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***** PRODUCTION SUMMARY, CALENDAR YEAR 1970 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| ATANA | RESERVOIR | 62.6 | 61.6 | 49.1 | 48.9 | 48.9 | 48.9 | 48.7 | 48.4 | 46.2 | 43.3 | 43.1 | 42.9 | 42.7 | |
| | | 38.5 | 38.3 | 38.2 | 38.0 | 35.7 | 34.7 | 34.9 | 35.1 | 34.6 | 32.8 | 33.1 | 33.4 | 33.8 | |
| | | 31.7 | 32.1 | 32.4 | 32.8 | 33.6 | 34.3 | 34.5 | 43.4 | 44.1 | 47.4 | 47.5 | 47.5 | 54.3 | |
| | | 54.7 | 54.7 | 54.6 | 54.5 | 59.8 | 63.7 | 63.6 | 63.5 | 65.4 | 70.4 | 70.2 | 69.9 | 69.6 | 242 |
| TOTAL ENERGY PRODUCTION | | 62.6 | 61.6 | 49.1 | 48.9 | 48.9 | 48.9 | 48.7 | 48.4 | 46.2 | 43.3 | 43.1 | 42.9 | 42.7 | |
| | | 38.5 | 38.3 | 38.2 | 38.0 | 35.7 | 34.7 | 34.9 | 35.1 | 34.6 | 32.8 | 33.1 | 33.4 | 33.8 | |
| | | 31.7 | 32.1 | 32.4 | 32.8 | 33.6 | 34.3 | 34.5 | 43.4 | 44.1 | 47.4 | 47.5 | 47.5 | 54.3 | |
| | | 54.7 | 54.7 | 54.6 | 54.5 | 59.8 | 63.7 | 63.6 | 63.5 | 65.4 | 70.4 | 70.2 | 69.9 | 69.6 | 242 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 4 | |
| FIRM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | | |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 166 | |
| SECONDARY | | 21.1 | 20.1 | 7.6 | 7.4 | 10.7 | 10.7 | 10.5 | 10.3 | 16.3 | 13.4 | 13.2 | 13.1 | | |
| | | 6.9 | 6.8 | 6.6 | 6.5 | 5.8 | 4.8 | 5.8 | 5.3 | 13.8 | 11.2 | 11.5 | 11.8 | | |
| | | 3.5 | 3.9 | 4.2 | 4.5 | 5.3 | 6.0 | 6.3 | 15.2 | 19.2 | 22.5 | 22.6 | 22.6 | | |
| | | 10.2 | 10.1 | 10.1 | 10.0 | 20.0 | 23.9 | 23.8 | 23.6 | 28.9 | 33.9 | 33.6 | 33.4 | 76 | |
| SHORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ATANA | RESERVOIR | 1008.4 | 1001.3 | 996.3 | 990.8 | 985.2 | 979.2 | 972.6 | 965.9 | 959.6 | 953.8 | 947.8 | 941.9 | 936.0 |
| | | 930.9 | 925.8 | 920.9 | 916.1 | 912.1 | 909.9 | 914.8 | 924.7 | 935.8 | 948.4 | 960.2 | 971.2 | 986.0 |
| | | 1004.2 | 1020.4 | 1035.4 | 1050.6 | 1067.6 | 1085.1 | 1098.4 | 1108.7 | 1116.9 | 1121.5 | 1124.7 | 1127.8 | 1128.1 |
| | | 1127.8 | 1126.3 | 1124.7 | 1122.4 | 1119.1 | 1115.2 | 1111.4 | 1107.3 | 1102.6 | 1096.9 | 1090.9 | 1084.2 | 1077.5 |
| TOTAL CAPABILITY | | 1008.4 | 1001.3 | 996.3 | 990.8 | 985.2 | 979.2 | 972.6 | 965.9 | 959.6 | 953.8 | 947.8 | 941.9 | 936.0 |
| | | 930.9 | 925.8 | 920.9 | 916.1 | 912.1 | 909.9 | 914.8 | 924.7 | 935.8 | 948.4 | 960.2 | 971.2 | 986.0 |
| | | 1004.2 | 1020.4 | 1035.4 | 1050.6 | 1067.6 | 1085.1 | 1098.4 | 1108.7 | 1116.9 | 1121.5 | 1124.7 | 1127.8 | 1128.1 |
| | | 1127.8 | 1126.3 | 1124.7 | 1122.4 | 1119.1 | 1115.2 | 1111.4 | 1107.3 | 1102.6 | 1096.9 | 1090.9 | 1084.2 | 1077.5 |

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WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

LATANA 2185, 128' DRAWDOWN
6 UNITS, NO DEVIL CANYON

CALENDAR YEAR BASIS 4960 GWH (1999)
OPERATION BY OPERATING GUIDE N-1

High Flow Test

*****LATANA

RESERVOIR, CALENDAR YEAR 1961 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 2030. | 9654. | 0. | 0. | 100. | 0. | 8190.6 | 2150.0 | 1455.9 | 685.2 | 88.2 | 1097.5 | 83 |
| | 2 | 2018. | 9559. | 0. | 0. | 100. | 0. | 8085.8 | 2146.7 | 1455.8 | 682.1 | 88.3 | 1090.2 | 82 |
| | 3 | 2078. | 9559. | 0. | 0. | 100. | 0. | 7981.9 | 2143.3 | 1455.8 | 678.8 | 88.3 | 1082.2 | 81 |
| | 4 | 2102. | 9559. | 0. | 0. | 100. | 0. | 7878.4 | 2139.9 | 1455.8 | 675.5 | 88.2 | 1074.4 | 81 |
| | 5 | 1850. | 7677. | 0. | 0. | 80. | 0. | 7797.4 | 2137.3 | 1455.1 | 673.2 | 88.2 | 1069.1 | 64 |
| FEB | 4 | 6 | 1514. | 7717. | 0. | 0. | 0. | 7711.3 | 2134.5 | 1455.1 | 670.6 | 88.2 | 1062.8 | 65 |
| | 7 | 1490. | 7717. | 0. | 0. | 80. | 0. | 7624.8 | 2131.7 | 1455.1 | 667.8 | 88.1 | 1056.3 | 64 |
| | 8 | 1430. | 7717. | 0. | 0. | 80. | 0. | 7537.5 | 2128.9 | 1455.1 | 665.0 | 88.1 | 1049.8 | 64 |
| | 9 | 1358. | 9245. | 0. | 0. | 100. | 0. | 7428.0 | 2125.4 | 1455.7 | 661.3 | 88.0 | 1041.0 | 76 |
| MAR | 4 | 10 | 1261. | 8710. | 0. | 0. | 0. | 7324.5 | 2122.0 | 1455.5 | 658.1 | 88.0 | 1033.5 | |
| | 11 | 1406. | 8710. | 0. | 0. | 100. | 0. | 7223.1 | 2118.7 | 1455.5 | 654.9 | 87.9 | 1025.7 | |
| | 12 | 1766. | 8710. | 0. | 0. | 100. | 0. | 7126.7 | 2115.6 | 1455.5 | 651.7 | 87.9 | 1018.3 | 71 |
| | 13 | 1766. | 8710. | 0. | 0. | 100. | 0. | 7030.2 | 2112.5 | 1455.5 | 648.6 | 87.8 | 1011.0 | 70 |
| APR | 1 | 14 | 2102. | 7873. | 0. | 0. | 0. | 6950.1 | 2109.9 | 1455.2 | 646.1 | 87.8 | 1005.1 | 63 |
| | 15 | 2102. | 7873. | 0. | 0. | 100. | 0. | 6869.9 | 2107.3 | 1455.2 | 643.6 | 87.8 | 999.2 | 63 |
| | 16 | 2318. | 7873. | 0. | 0. | 100. | 0. | 6792.8 | 2104.8 | 1455.2 | 641.1 | 87.7 | 993.4 | 63 |
| | 17 | 2355. | 7873. | 0. | 0. | 100. | 0. | 6716.1 | 2102.3 | 1455.2 | 638.6 | 87.7 | 987.8 | 62 |
| | 18 | 6079. | 5929. | 0. | 0. | 80. | 0. | 6718.2 | 2102.4 | 1454.5 | 638.1 | 87.7 | 986.7 | 47 |
| MAY | 6 | 19 | 10692. | 5782. | 0. | 0. | 0. | 6786.4 | 2104.6 | 1454.4 | 639.3 | 87.7 | 989.4 | 46 |
| | 20 | 18500. | 5782. | 0. | 0. | 80. | 0. | 6963.0 | 2110.3 | 1454.4 | 643.2 | 87.8 | 998.4 | 46 |
| | 21 | 17623. | 5782. | 0. | 0. | 80. | 0. | 7127.5 | 2115.6 | 1454.4 | 648.7 | 87.8 | 1011.1 | 46 |
| | 22 | 16662. | 7054. | 0. | 0. | 100. | 0. | 7260.9 | 2119.9 | 1454.9 | 652.9 | 87.9 | 1021.2 | 57 |
| JUN | 3 | 23 | 15953. | 6621. | 0. | 0. | 0. | 7390.5 | 2124.1 | 1454.7 | 657.3 | 88.0 | 1031.5 | 54 |
| | 24 | 26056. | 6621. | 0. | 0. | 100. | 0. | 7660.5 | 2132.9 | 1454.7 | 663.7 | 88.1 | 1046.5 | 55 |
| | 25 | 32555. | 6621. | 0. | 0. | 100. | 0. | 8020.6 | 2144.5 | 1454.7 | 673.7 | 88.2 | 1070.2 | 56 |
| | 26 | 27353. | 7508. | 0. | 0. | 113. | 0. | 8296.2 | 2152.9 | 1455.1 | 683.3 | 88.3 | 1092.9 | 64 |
| JUL | 1 | 27 | 19341. | 7361. | 0. | 0. | 0. | 8462.6 | 2157.5 | 1455.0 | 689.7 | 88.2 | 1108.3 | 63 |
| | 28 | 20302. | 7361. | 0. | 0. | 120. | 0. | 8642.3 | 2162.4 | 1455.0 | 694.4 | 88.2 | 1119.4 | |
| | 29 | 21023. | 7361. | 0. | 0. | 120. | 0. | 8832.1 | 2167.6 | 1455.0 | 699.3 | 88.1 | 1131.4 | |
| | 30 | 21779. | 7361. | 0. | 0. | 120. | 0. | 9032.3 | 2173.1 | 1455.0 | 704.6 | 88.1 | 1144.1 | 65 |
| | 31 | 21563. | 7447. | 0. | 0. | 120. | 0. | 9228.4 | 2178.4 | 1455.0 | 709.9 | 88.0 | 1157.1 | 66 |
| AUG | 5 | 32 | 21863. | 8764. | 0. | 0. | 0. | 9410.3 | 2183.4 | 1455.5 | 714.5 | 88.0 | 1168.4 | 78 |
| | 33 | 18668. | 9400. | 0. | 5069. | 150. | 0. | 9468.6 | 2185.0 | 1457.1 | 716.2 | 87.9 | 1172.5 | 84 |
| | 34 | 17719. | 9400. | 0. | 8319. | 150. | 0. | 9468.6 | 2185.0 | 1457.9 | 716.2 | 87.9 | 1172.5 | 84 |
| | 35 | 13166. | 8282. | 0. | 4884. | 131. | 0. | 9468.6 | 2185.0 | 1456.8 | 717.3 | 87.9 | 1175.2 | 74 |
| SEP | 2 | 36 | 10451. | 8275. | 0. | 2176. | 0. | 9468.6 | 2185.0 | 1456.1 | 718.0 | 87.9 | 1176.8 | 74 |
| | 37 | 11057. | 8279. | 0. | 3578. | 122. | 0. | 9468.6 | 2185.0 | 1456.5 | 717.6 | 87.9 | 1176.8 | 74 |
| | 38 | 11292. | 8278. | 0. | 3014. | 122. | 0. | 9468.6 | 2185.0 | 1456.3 | 717.7 | 87.9 | 1176.3 | 74 |
| | 39 | 12998. | 7247. | 0. | 5751. | 107. | 0. | 9468.6 | 2185.0 | 1456.7 | 717.3 | 87.9 | 1175.3 | 74 |
| OCT | 1 | 40 | 8769. | 10931. | 0. | 0. | 0. | 9438.6 | 2184.2 | 1456.2 | 717.4 | 87.9 | 1175.6 | 98 |
| | 41 | 3868. | 10931. | 0. | 0. | 140. | 0. | 9340.5 | 2181.5 | 1456.2 | 715.7 | 87.9 | 1171.3 | 98 |
| | 42 | 3868. | 9370. | 0. | 0. | 120. | 0. | 9264.1 | 2179.4 | 1455.8 | 713.8 | 88.0 | 1166.7 | 83 |
| | 43 | 3868. | 9370. | 0. | 0. | 120. | 0. | 9187.7 | 2177.3 | 1455.8 | 711.8 | 88.0 | 1161.7 | 83 |
| | 44 | 2955. | 10298. | 0. | 0. | 120. | 0. | 9085.7 | 2174.5 | 1456.1 | 709.0 | 88.0 | 1155.1 | 91 |
| NOV | 5 | 45 | 2270. | 10994. | 0. | 0. | 0. | 8964.5 | 2171.2 | 1456.2 | 705.9 | 88.0 | 1147.3 | 97 |
| | 46 | 2270. | 9162. | 0. | 0. | 100. | 0. | 8868.8 | 2168.6 | 1455.7 | 703.5 | 88.1 | 1141.5 | 98 |

| | | | | | | | | | | | | | | | |
|-----|----|-------|-------|--------|----|------|------|--------|--------|--------|--------|-------|--------|--------|------|
| | 47 | 2270. | 9162. | 0. | 0. | 100. | 0. | 8773.1 | 2166.0 | 1455.7 | 700.9 | 88.1 | 5.2 | 88 | |
| | 48 | 2126. | 9465. | 0. | 0. | 100. | 0. | 8671.2 | 2163.2 | 1455.8 | 698.2 | 88.1 | 1120.5 | 82 | |
| DEC | 3 | 49 | 1766. | 10222. | 0. | 0. | 100. | 0. | 8553.7 | 2160.0 | 1456.1 | 694.9 | 88.1 | 1120.8 | 89 |
| | | 50 | 1766. | 10222. | 0. | 0. | 100. | 0. | 8436.3 | 2156.8 | 1456.1 | 691.8 | 88.2 | 1113.3 | 88 |
| | | 51 | 1766. | 10222. | 0. | 0. | 100. | 0. | 8318.9 | 2153.6 | 1456.1 | 688.6 | 88.2 | 1105.7 | 88 |
| | | 52 | 1766. | 10222. | 0. | 0. | 100. | 0. | 8201.4 | 2150.3 | 1456.1 | 685.5 | 88.2 | 1098.1 | 88 |
| | | | 8919. | 8420. | 0. | 631. | 107. | 0. | 8220.9 | 2148.9 | 1455.6 | 682.9 | 88.0 | 1092.7 | 3769 |

1961

CONFIDENTIAL: PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

N-1

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1961 *****

* ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| TANA | RESERVOIR | 83.1 | 82.0 | 81.6 | 81.1 | 64.9 | 65.0 | 64.7 | 64.4 | 76.6 | 71.0 | 71.4 | 71.0 | 70.7 | |
| | | 63.6 | 63.3 | 63.1 | 62.8 | 47.3 | 46.2 | 46.5 | 46.9 | 57.7 | 54.5 | 55.1 | 56.0 | 64.5 | |
| | | 63.8 | 64.2 | 64.6 | 65.0 | 66.3 | 78.4 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 98.2 | 98.0 | 83.8 | 83.6 | 91.5 | 97.3 | 80.8 | 80.6 | 82.9 | 89.2 | 88.8 | 88.4 | 88.0 | 377 |
| TOTAL ENERGY PRODUCTION | | 83.1 | 82.0 | 81.6 | 81.1 | 64.9 | 65.0 | 64.7 | 64.4 | 76.6 | 71.0 | 71.4 | 71.0 | 70.7 | |
| | | 63.6 | 63.3 | 63.1 | 62.8 | 47.3 | 46.2 | 46.5 | 46.9 | 57.7 | 54.5 | 55.1 | 56.0 | 64.5 | |
| | | 63.8 | 64.2 | 64.6 | 65.0 | 66.3 | 78.4 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 98.2 | 98.0 | 83.8 | 83.6 | 91.5 | 97.3 | 80.8 | 80.6 | 82.9 | 89.2 | 88.8 | 88.4 | 88.0 | 377 |
| STEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 45 |
| RM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 166 |
| CONDARY | | 41.6 | 40.5 | 40.1 | 39.6 | 26.7 | 26.8 | 26.5 | 26.2 | 46.8 | 41.9 | 41.5 | 41.2 | 40.8 | |
| | | 32.1 | 31.8 | 31.5 | 31.3 | 17.4 | 16.3 | 16.6 | 17.0 | 36.1 | 32.9 | 33.5 | 34.5 | 42.9 | |
| | | 35.5 | 35.9 | 36.4 | 36.8 | 38.0 | 50.2 | 56.1 | 56.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | |
| | | 61.7 | 61.5 | 47.3 | 47.0 | 51.7 | 57.5 | 41.0 | 40.7 | 46.4 | 52.7 | 52.3 | 51.9 | 51.5 | 211 |
| MORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

* CAPABILITY (MW) ***

| | | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| TANA | RESERVOIR | 1097.5 | 1090.2 | 1082.2 | 1074.4 | 1069.1 | 1062.8 | 1056.3 | 1049.8 | 1041.0 | 1033.5 | 1025.7 | 1018.3 | 1011.0 | |
| | | 1005.1 | 999.2 | 993.4 | 987.8 | 986.7 | 989.4 | 998.4 | 1011.1 | 1021.2 | 1031.5 | 1046.5 | 1070.2 | 1092.9 | |
| | | 1108.3 | 1119.4 | 1131.4 | 1144.1 | 1157.1 | 1168.4 | 1172.5 | 1172.5 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | | 1175.6 | 1171.3 | 1166.7 | 1161.7 | 1155.1 | 1147.3 | 1141.5 | 1135.2 | 1128.5 | 1120.8 | 1113.3 | 1105.7 | 1098.1 | |
| TOTAL CAPABILITY | | 1097.5 | 1090.2 | 1082.2 | 1074.4 | 1069.1 | 1062.8 | 1056.3 | 1049.8 | 1041.0 | 1033.5 | 1025.7 | 1018.3 | 1011.0 | |
| | | 1005.1 | 999.2 | 993.4 | 987.8 | 986.7 | 989.4 | 998.4 | 1011.1 | 1021.2 | 1031.5 | 1046.5 | 1070.2 | 1092.9 | |
| | | 1108.3 | 1119.4 | 1131.4 | 1144.1 | 1157.1 | 1168.4 | 1172.5 | 1172.5 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | | 1175.6 | 1171.3 | 1166.7 | 1161.7 | 1155.1 | 1147.3 | 1141.5 | 1135.2 | 1128.5 | 1120.8 | 1113.3 | 1105.7 | 1098.1 | |

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OF LITIGATION; RESTRICTED DISTRIBUTION

| TURBINE DISCHARGE (CFS) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
|-------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 350 | 7723.0
6298.4
4987.2
7808.0 | 7647.2
6298.4
4987.2
7808.0 | 7647.2
5038.7
4907.2
7808.0 | 7647.2
5038.7
4907.2
7808.0 | 7677.0
4743.4
4964.8
8581.7 | 7716.8
4625.3
6260.0
9162.0 | 7716.8
4625.3
6260.0
9162.0 | 7395.9
4514.5
6335.0
7329.6 | 6968.0
4237.4
6785.0
8177.6 | 6968.0
4237.4
6785.0
8177.6 | 6968.0
4237.4
6785.0
8177.6 | 6968.0
5296.8
6785.0
8177.6 |
| 351 | 7723.0
5038.7
6134.0
10931.2 | 7647.2
5038.7
6134.0
10931.2 | 7647.2
5038.7
6134.0
9369.6 | 7647.2
5038.7
6134.0
9369.6 | 7677.0
4743.4
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
4514.5
8286.1
9464.9 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
5574.4
8290.5
10222.0 |
| 352 | 9653.7
6298.4
6134.0
10931.2 | 9559.0
6298.4
6134.0
10931.2 | 9559.0
6298.4
6134.0
9369.6 | 9559.0
6298.4
6134.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
4514.5
8286.1
9464.9 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
5296.8
8276.1
10222.0 |
| 353 | 9653.7
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
9369.6 | 9559.0
6298.4
7368.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
4514.5
8286.1
9464.9 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
5574.4
8290.5
10222.0 |
| 354 | 9653.7
6298.4
6134.0
10931.2 | 9559.0
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
9369.6 | 9559.0
6298.4
7368.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
4514.5
8286.1
9464.9 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
5574.4
8290.5
10222.0 |
| 355 | 9653.7
6298.4
6134.0
10931.2 | 9559.0
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
9369.6 | 9559.0
6298.4
7368.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
4514.5
8286.1
9464.9 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
4237.4
8286.1
10222.0 | 6968.0
5574.4
8290.5
10222.0 |
| 356 | 7723.0
6298.4
7368.0
10931.2 | 7647.2
6298.4
8587.6
10931.2 | 7647.2
6298.4
8587.6
9369.6 | 7647.2
6298.4
8587.6
9369.6 | 7677.0
4743.4
9418.0
10298.1 | 7716.8
4625.3
9413.9
10298.1 | 7716.8
4625.3
9412.7
10298.1 | 7395.9
5643.1
8287.0
9464.9 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
7449.9
7247.8
10222.0 |
| 357 | 9653.7
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
9369.6 | 9559.0
6298.4
7368.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
5643.1
8287.0
9464.9 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
7525.1
7259.5
10222.0 |
| 358 | 9653.7
7873.0
6134.0
9369.6 | 9559.0
6298.4
6134.0
9369.6 | 9559.0
6298.4
6134.0
9369.6 | 9559.0
6298.4
6134.0
9369.6 | 9596.3
4743.4
6286.0
10298.1 | 9646.0
4625.3
7512.0
9162.0 | 9646.0
4625.3
7512.0
9162.0 | 9244.9
4514.5
8280.3
9464.9 | 8710.0
5296.8
8279.7
8177.6 | 8710.0
5296.8
8284.2
8177.6 | 8710.0
5296.8
8284.2
8177.6 | 8710.0
6621.0
8284.2
8177.6 |
| 359 | 7723.0
6298.4
6134.0
10931.2 | 7647.2
6298.4
6134.0
10931.2 | 7647.2
6298.4
6134.0
9369.6 | 7647.2
6298.4
6134.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
5643.1
8287.0
9464.9 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
7240.1
8271.7
10222.0 |
| 360 | 9653.7
6298.4
6134.0
10931.2 | 9559.0
6298.4
6134.0
10931.2 | 9559.0
6298.4
6134.0
9369.6 | 9559.0
6298.4
6134.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7395.9
5643.1
8287.0
9464.9 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
6621.0
8283.2
10222.0 | 6968.0
7250.8
8293.2
10222.0 |
| 361 | 9653.7
7873.0
7368.0
10931.2 | 9559.0
6298.4
7368.0
10931.2 | 9559.0
6298.4
7368.0
9369.6 | 9559.0
6298.4
7368.0
9369.6 | 7677.0
5929.3
7447.2
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 7716.8
4625.3
7512.0
10298.1 | 9244.9
7853.9
8282.5
9464.9 | 8710.0
6621.0
8275.3
10222.0 | 8710.0
6621.0
8277.6
10222.0 | 8710.0
6621.0
8277.6
10222.0 | 8710.0
7507.9
7246.8
10222.0 |
| 362 | 9653.7
6298.4
6298.4 | 9559.0
6298.4
6298.4 | 9559.0
6298.4
6298.4 | 9559.0
6298.4
6298.4 | 7677.0
5929.3
9409.5 | 7716.8
4625.3
9412.9 | 7716.8
4625.3
9405.2 | 7395.9
5643.1
8299.6 | 6968.0
6621.0
8300.0 | 6968.0
6621.0
8280.8 | 6968.0
6621.0
8274.5 | 6968.0
7370.5
7243.7 |

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 OF LITIGATION; RESTRICTED DISTRIBUTION

TURBINE

10931.2 331.2 9369.6 10298.1 10994.4 10994.4 3162.8 9464.9 10222.0 10222.0 10222.0 10222.0

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WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

TURBINE

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| | | | | | | | | | | | | | |
|------|---------|---------|---------|--------|---------|---------|---------|--------|--------|---------|---------|---------|---------|
| | 7360.8 | 7360.8 | 8587.6 | 8587.6 | 9416.0 | 9410.6 | 9402.2 | 9405.4 | 8291.0 | 8281.3 | 8277.8 | 8270.7 | 7237.3 |
| 1964 | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| | 9653.7 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 5296.8 | 6621.0 |
| | 8587.6 | 8587.6 | 8587.6 | 8587.6 | 8688.4 | 9393.5 | 9385.4 | 9387.9 | 8277.9 | 8272.4 | 8268.4 | 8270.2 | 7232.9 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 1965 | 9653.7 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 5296.8 | 5296.8 | 6621.0 |
| | 6134.0 | 6134.0 | 7360.8 | 7360.8 | 7447.2 | 7512.0 | 7512.0 | 9397.7 | 8272.4 | 8285.1 | 8293.6 | 8289.7 | 7265.3 |
| | 12145.0 | 10931.2 | 10931.2 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 1966 | 9653.7 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 5929.3 | 5781.6 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 5296.8 | 6621.0 | 7527.5 |
| | 7360.8 | 7360.8 | 7360.8 | 7360.8 | 7447.2 | 7512.0 | 7512.0 | 7512.0 | 7602.0 | 8197.1 | 8275.5 | 8275.2 | 7235.3 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 9162.0 | 9162.0 | 9162.0 | 9464.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1967 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 5781.6 | 5643.1 | 6621.0 | 6621.0 | 7610.0 | 7523.2 |
| | 7360.8 | 7360.8 | 7360.8 | 7360.8 | 7447.2 | 8764.0 | 9419.5 | 9413.9 | 8293.4 | 8386.4 | 8285.0 | 8275.4 | 7236.0 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 9162.0 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 1968 | 9653.7 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 5781.6 | 7053.9 | 7885.3 | 7696.7 | 7564.8 | 7476.4 |
| | 7360.8 | 7360.8 | 8587.6 | 8587.6 | 8688.4 | 8764.0 | 9387.4 | 9385.5 | 8277.6 | 8272.1 | 8272.2 | 8271.8 | 7242.0 |
| | 10931.2 | 9369.6 | 9369.6 | 9369.6 | 10298.1 | 9162.0 | 9162.0 | 9162.0 | 9464.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1969 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 4237.4 | 4237.4 | 4237.4 |
| | 3925.8 | 3925.8 | 3925.8 | 3925.8 | 3971.8 | 4886.4 | 5088.0 | 5088.0 | 5068.0 | 5428.0 | 5428.0 | 5428.0 | 5428.0 |
| | 6246.4 | 6246.4 | 6246.4 | 6246.4 | 6865.4 | 7329.6 | 7329.6 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1970 | 7723.0 | 7647.2 | 6117.8 | 6117.8 | 6141.6 | 6173.4 | 6173.4 | 6173.4 | 5916.7 | 5574.4 | 5574.4 | 5574.4 | 5574.4 |
| | 5038.7 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 4237.4 | 4237.4 | 4237.4 |
| | 3925.8 | 3925.8 | 3925.8 | 3925.8 | 3971.8 | 4886.4 | 4886.4 | 5088.0 | 5068.0 | 5428.0 | 5428.0 | 5428.0 | 5428.0 |
| | 6246.4 | 6246.4 | 6246.4 | 6246.4 | 6865.4 | 7329.6 | 7329.6 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1971 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 5574.4 | 5574.4 | 5574.4 | 5574.4 |
| | 5038.7 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 4237.4 | 4237.4 | 5296.8 |
| | 6134.0 | 6134.0 | 6134.0 | 6134.0 | 6286.0 | 7512.0 | 9437.7 | 9489.0 | 8290.9 | 8298.4 | 8280.1 | 8271.3 | 7237.1 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 9162.0 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 1972 | 9653.7 | 9559.0 | 9559.0 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 8710.0 | 8710.0 | 8710.0 | 8710.0 |
| | 7873.0 | 7873.0 | 7873.0 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 5781.6 | 7053.9 | 7688.2 | 7571.1 | 7453.2 | 7388.7 |
| | 8587.6 | 8587.6 | 8587.6 | 8587.6 | 8688.4 | 9399.7 | 9397.5 | 9399.2 | 8278.3 | 8277.0 | 8287.7 | 8277.7 | 7233.4 |
| | 10931.2 | 9369.6 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 9162.0 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 8177.6 |
| 1973 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 4237.4 | 4237.4 | 5296.8 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 6134.0 | 6286.0 | 6260.0 | 6260.0 | 6260.0 | 6335.0 | 6785.0 | 6785.0 | 6785.0 | 6785.0 |
| | 7888.0 | 7888.0 | 7888.0 | 7888.0 | 8581.7 | 9162.0 | 9162.0 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1974 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 6968.0 | 6968.0 | 5574.4 | 5574.4 |
| | 5038.7 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 6621.0 | 6621.0 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 6134.0 | 6286.0 | 6260.0 | 6260.0 | 6260.0 | 6335.0 | 6785.0 | 6785.0 | 6785.0 | 6785.0 |
| | 7888.0 | 7888.0 | 7888.0 | 7888.0 | 8581.7 | 7329.6 | 7329.6 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 1975 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.8 | 7716.8 | 7716.8 | 7395.9 | 5574.4 | 5574.4 | 5574.4 | 5574.4 |
| | 5038.7 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 6621.0 | 7583.2 | 7489.9 |
| | 7360.8 | 7360.8 | 8587.6 | 8587.6 | 8688.4 | 9147.4 | 9394.2 | 9388.7 | 8279.2 | 8273.7 | 8291.8 | 8289.0 | 7251.6 |
| | 10931.2 | 10931.2 | 10931.2 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |

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 OF LITIGATION; RESTRICTED DISTRIBUTION

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| | | | | | | | | | | | | | |
|-----|---------|---------|--------|--------|---------|---------|---------|---------|--------|---------|---------|---------|---------|
| 976 | 9653.7 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 5296.8 | 6621.0 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 6134.0 | 6206.0 | 6260.0 | 6260.0 | 6260.0 | 6335.0 | 6785.0 | 6785.0 | 6785.0 | 6785.0 |
| | 7808.0 | 7808.0 | 7808.0 | 7808.0 | 8581.7 | 9162.0 | 9162.0 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 977 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 6968.0 | 6968.0 | 6968.0 | 6968.0 |
| | 6298.4 | 6298.4 | 6298.4 | 6298.4 | 5929.3 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 6621.0 | 7532.7 | 7439.4 |
| | 8587.6 | 8587.6 | 8587.6 | 8587.6 | 8688.4 | 8764.0 | 9393.5 | 9397.0 | 8275.5 | 8269.1 | 8280.3 | 8279.0 | 7243.1 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 10994.4 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 978 | 9653.7 | 9559.0 | 9559.0 | 9559.0 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 8710.0 | 8710.0 | 8710.0 | 8710.0 |
| | 7873.0 | 7873.0 | 7873.0 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 5781.6 | 5643.1 | 5296.8 | 5296.8 | 5296.8 | 5296.8 |
| | 4907.2 | 4907.2 | 4907.2 | 4907.2 | 4964.8 | 5088.0 | 6260.0 | 6260.0 | 6335.0 | 6785.0 | 6785.0 | 6785.0 | 6785.0 |
| | 7808.0 | 7808.0 | 7808.0 | 7808.0 | 8581.7 | 7329.6 | 7329.6 | 7329.6 | 7571.9 | 8177.6 | 8177.6 | 8177.6 | 8177.6 |
| 979 | 7723.0 | 7647.2 | 7647.2 | 7647.2 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 5574.4 | 5574.4 | 5574.4 | 5574.4 |
| | 5038.7 | 5038.7 | 5038.7 | 5038.7 | 4743.4 | 4625.3 | 4625.3 | 4625.3 | 4514.5 | 5296.8 | 6621.0 | 6621.0 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 7360.8 | 7447.2 | 7512.0 | 8764.0 | 9389.1 | 8281.4 | 8268.1 | 8269.8 | 8277.3 | 7240.6 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 10994.4 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 980 | 9653.7 | 9559.0 | 9559.0 | 9559.0 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 6968.0 | 8710.0 | 8710.0 | 8710.0 |
| | 7873.0 | 7873.0 | 7873.0 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 5781.6 | 5643.1 | 5296.8 | 5296.8 | 6621.0 | 6621.0 |
| | 6134.0 | 7360.8 | 7360.8 | 7360.8 | 8688.4 | 9401.9 | 9402.5 | 9397.4 | 8279.8 | 8269.8 | 8272.2 | 8289.8 | 7244.3 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 10994.4 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 981 | 9653.7 | 9559.0 | 9559.0 | 7647.2 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 8710.0 | 8710.0 | 8710.0 | 8710.0 |
| | 7873.0 | 7873.0 | 7873.0 | 6298.4 | 5929.3 | 5781.6 | 5781.6 | 7227.0 | 7053.9 | 6621.0 | 6621.0 | 6621.0 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 7360.8 | 7447.2 | 9431.5 | 9413.9 | 9413.9 | 8303.1 | 8287.6 | 8279.9 | 8274.6 | 7238.1 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 10994.4 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| 982 | 9653.7 | 9559.0 | 9559.0 | 9559.0 | 7677.0 | 7716.0 | 7716.0 | 7716.0 | 7395.9 | 8710.0 | 8710.0 | 8710.0 | 8710.0 |
| | 7873.0 | 7873.0 | 7873.0 | 6298.4 | 5929.3 | 4625.3 | 4625.3 | 4625.3 | 5643.1 | 5296.8 | 6621.0 | 6621.0 | 6621.0 |
| | 6134.0 | 6134.0 | 6134.0 | 6134.0 | 7447.2 | 7512.0 | 7512.0 | 7512.0 | 7602.0 | 8142.0 | 8142.0 | 8300.7 | 7249.2 |
| | 10931.2 | 10931.2 | 9369.6 | 9369.6 | 10298.1 | 10994.4 | 10994.4 | 9162.0 | 9464.9 | 10222.0 | 10222.0 | 10222.0 | 10222.0 |
| AVG | 8893.1 | 8458.3 | 8064.3 | 7890.5 | 7688.7 | 7728.5 | 7728.5 | 7728.5 | 7463.1 | 7115.0 | 7168.6 | 7084.1 | 7084.1 |
| | 6403.4 | 6317.5 | 6279.3 | 5964.4 | 5390.2 | 5150.9 | 5045.8 | 5168.4 | 5376.8 | 5632.5 | 6063.2 | 6381.5 | 6650.6 |
| | 6557.8 | 6706.5 | 6855.2 | 6991.6 | 7227.5 | 7599.5 | 7923.5 | 8106.6 | 7615.9 | 7827.1 | 7878.4 | 7881.3 | 7064.4 |
| | 10163.5 | 9984.8 | 9133.0 | 8943.7 | 9830.0 | 10217.0 | 9717.3 | 9106.5 | 9063.3 | 9602.5 | 9602.5 | 9540.5 | 9478.6 |

TURBINE

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MINIMUM POST-PROJECT FLOWS AT LATANA

5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000.
 5000. 5000. 5000. 5000. 4643. 4500. 4500. 4500. 4386. 4100. 4100. 4100. 4100.
 3900. 3900. 3900. 3900. 3871. 3850. 3850. 3850. 3850. 4100. 4100. 4100. 4100.
 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000.

NSD FORECAST, YEAR 1999 ANNUAL ENERGY DEMAND = 4960. GWH.

ENERGY GENERATION CRITERIA

SYSTEM ENERGY DEMAND, GWH

124. 124. 124. 124. 114. 114. 114. 114. 89. 89. 89. 89. 89.
 94. 94. 94. 94. 89. 89. 89. 89. 64. 64. 64. 64. 64.
 84. 84. 84. 84. 84. 84. 84. 84. 74. 74. 74. 74. 74.
 109. 109. 109. 109. 119. 119. 119. 119. 109. 109. 109. 109. 109.

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WEEKLY GENERATION FROM OTHER SOURCES, GWH

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

ADJUSTED SYSTEM ENERGY DEMAND, GWH

124. 124. 124. 124. 114. 114. 114. 114. 89. 89. 89. 89. 89.
 94. 94. 94. 94. 89. 89. 89. 89. 64. 64. 64. 64. 64.
 84. 84. 84. 84. 84. 84. 84. 84. 74. 74. 74. 74. 74.
 109. 109. 109. 109. 119. 119. 119. 119. 109. 109. 109. 109. 109.

WEEKLY GENERATION, PERCENT OF ANNUAL

0.025 0.025 0.025 0.025 0.023 0.023 0.023 0.023 0.018 0.018 0.018 0.018 0.018
 0.019 0.019 0.019 0.019 0.018 0.018 0.018 0.018 0.013 0.013 0.013 0.013 0.013
 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.017 0.015 0.015 0.015 0.015 0.015
 0.022 0.022 0.022 0.022 0.024 0.024 0.024 0.024 0.022 0.022 0.022 0.022 0.022

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| | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 950 | 66.8 | 65.8 | 64.7 | 64.4 | 64.3 | 64.3 | 64.0 | 63.7 | 60.7 | 56.9 | 56.7 | 56.4 | 56.1 | |
| | 58.5 | 58.3 | 48.1 | 48.8 | 37.5 | 36.6 | 36.7 | 36.9 | 36.3 | 34.3 | 34.6 | 34.9 | 44.1 | |
| | 41.2 | 41.6 | 42.0 | 42.4 | 43.2 | 54.9 | 55.2 | 55.5 | 56.3 | 60.4 | 60.5 | 60.5 | 69.1 | |
| | 69.5 | 69.3 | 69.2 | 69.0 | 75.6 | 80.4 | 80.1 | 63.9 | 65.8 | 70.8 | 70.5 | 70.2 | 69.9 | 2923.2 |
| 951 | 65.7 | 64.7 | 64.4 | 64.1 | 64.0 | 64.0 | 63.7 | 63.4 | 60.4 | 56.7 | 56.4 | 45.8 | 44.8 | |
| | 40.4 | 40.2 | 40.1 | 40.0 | 37.6 | 36.8 | 37.1 | 46.6 | 45.7 | 43.4 | 54.8 | 55.1 | 55.4 | |
| | 51.7 | 52.2 | 52.7 | 53.1 | 54.0 | 54.7 | 55.0 | 55.2 | 56.2 | 60.7 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.0 | 83.0 | 83.6 | 91.5 | 97.3 | 80.8 | 80.5 | 82.9 | 89.1 | 88.7 | 88.4 | 88.0 | 3270.1 |
| 952 | 82.7 | 81.4 | 64.9 | 64.6 | 64.5 | 64.6 | 64.2 | 63.9 | 60.9 | 57.2 | 56.9 | 56.6 | 56.4 | |
| | 50.7 | 50.5 | 50.3 | 50.1 | 47.0 | 36.5 | 36.4 | 36.4 | 35.7 | 33.9 | 34.5 | 35.2 | 44.8 | |
| | 52.6 | 53.0 | 53.3 | 53.7 | 65.8 | 67.0 | 78.6 | 78.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.1 | 98.0 | 83.8 | 91.9 | 97.7 | 97.3 | 96.9 | 83.2 | 89.4 | 89.0 | 88.7 | 88.3 | 3456.3 |
| 953 | 83.0 | 81.8 | 81.3 | 64.7 | 64.7 | 64.7 | 64.3 | 64.0 | 61.0 | 57.3 | 57.0 | 56.7 | 56.4 | |
| | 50.8 | 50.6 | 50.4 | 50.2 | 47.3 | 46.4 | 46.7 | 58.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | 63.5 | 63.8 | 64.1 | 64.4 | 65.5 | 66.5 | 66.8 | 67.0 | 68.1 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 97.9 | 83.8 | 83.6 | 91.5 | 97.2 | 80.8 | 80.5 | 82.8 | 89.0 | 88.6 | 88.2 | 87.8 | 3617.8 |
| 954 | 82.5 | 65.1 | 64.8 | 64.5 | 64.4 | 64.4 | 64.1 | 63.8 | 60.8 | 57.0 | 56.8 | 56.5 | 56.2 | |
| | 50.6 | 50.4 | 50.2 | 40.1 | 37.7 | 36.8 | 37.1 | 46.8 | 57.5 | 54.6 | 55.1 | 55.7 | 56.3 | |
| | 52.7 | 63.6 | 63.9 | 64.2 | 65.4 | 66.5 | 66.9 | 67.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 84.8 | 83.8 | 83.5 | 91.5 | 97.3 | 80.8 | 80.6 | 82.9 | 89.2 | 88.8 | 88.4 | 88.0 | 3469.2 |
| 955 | 82.8 | 81.6 | 65.0 | 64.7 | 64.6 | 64.7 | 64.4 | 64.0 | 61.1 | 57.3 | 57.1 | 56.8 | 56.5 | |
| | 50.9 | 50.7 | 50.5 | 50.3 | 47.2 | 46.0 | 45.9 | 36.8 | 36.2 | 34.3 | 34.8 | 44.2 | 56.2 | |
| | 52.8 | 64.0 | 64.4 | 64.9 | 66.0 | 67.0 | 78.4 | 84.3 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 97.9 | 83.7 | 83.5 | 91.4 | 97.1 | 80.7 | 80.3 | 82.7 | 88.9 | 88.5 | 88.5 | 88.3 | 3451.8 |
| 956 | 66.1 | 65.2 | 64.8 | 64.5 | 64.5 | 64.5 | 64.1 | 63.8 | 60.9 | 57.1 | 56.8 | 56.5 | 56.3 | |
| | 50.7 | 50.5 | 50.2 | 50.0 | 37.6 | 36.7 | 36.9 | 37.3 | 46.1 | 54.8 | 64.5 | 64.5 | 64.5 | |
| | 64.2 | 75.6 | 76.2 | 76.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 97.9 | 83.8 | 83.6 | 91.5 | 97.3 | 80.9 | 80.6 | 83.0 | 89.2 | 88.9 | 88.5 | 88.1 | 3602.8 |
| 957 | 82.8 | 81.6 | 65.0 | 64.7 | 64.7 | 64.7 | 64.4 | 64.1 | 61.2 | 57.4 | 57.1 | 56.9 | 56.6 | |
| | 51.0 | 50.8 | 50.6 | 50.4 | 47.3 | 46.0 | 46.1 | 46.3 | 45.8 | 54.6 | 64.5 | 64.5 | 64.5 | |
| | 63.5 | 63.8 | 64.2 | 64.6 | 65.8 | 66.7 | 67.0 | 67.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.1 | 84.0 | 83.8 | 91.9 | 97.8 | 97.5 | 97.1 | 83.3 | 89.7 | 89.4 | 89.0 | 88.7 | 3606.8 |
| 958 | 83.4 | 82.3 | 81.9 | 81.5 | 81.3 | 81.2 | 80.7 | 80.2 | 76.4 | 71.6 | 71.2 | 70.8 | 70.3 | |
| | 63.3 | 50.4 | 50.2 | 50.0 | 37.6 | 36.7 | 36.8 | 37.1 | 36.5 | 43.4 | 54.9 | 55.5 | 56.0 | |
| | 52.4 | 52.8 | 53.1 | 53.4 | 54.6 | 66.7 | 67.1 | 67.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 83.8 | 83.7 | 83.4 | 83.2 | 91.1 | 80.8 | 80.5 | 80.2 | 82.5 | 71.1 | 70.8 | 70.6 | 70.3 | 3493.1 |
| 959 | 66.2 | 65.3 | 65.0 | 64.7 | 64.6 | 64.6 | 64.3 | 64.0 | 61.1 | 57.3 | 57.0 | 55.7 | 56.5 | |
| | 50.9 | 50.6 | 50.4 | 50.2 | 47.2 | 45.9 | 36.9 | 37.3 | 46.0 | 54.5 | 55.1 | 55.5 | 56.1 | |
| | 52.6 | 53.0 | 53.4 | 64.5 | 65.7 | 66.6 | 66.9 | 84.3 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.1 | 83.9 | 83.7 | 91.6 | 97.4 | 97.0 | 80.6 | 83.0 | 89.2 | 88.9 | 88.5 | 88.1 | 3498.8 |
| 960 | 82.9 | 81.7 | 65.1 | 64.8 | 64.7 | 64.8 | 64.5 | 64.2 | 61.2 | 57.4 | 57.2 | 56.9 | 56.7 | |
| | 51.0 | 50.8 | 50.6 | 50.4 | 47.4 | 46.2 | 46.3 | 46.7 | 46.0 | 54.4 | 54.6 | 54.9 | 55.1 | |
| | 51.5 | 51.9 | 52.3 | 52.7 | 53.8 | 54.8 | 55.2 | 55.5 | 56.5 | 72.9 | 74.4 | 74.4 | 74.4 | |
| | 98.3 | 98.2 | 90.0 | 83.8 | 91.8 | 97.6 | 97.2 | 80.8 | 83.1 | 89.4 | 89.1 | 88.7 | 88.3 | 3460.6 |
| 961 | 83.1 | 82.0 | 81.6 | 81.1 | 64.9 | 65.0 | 64.7 | 64.4 | 76.6 | 71.8 | 71.4 | 71.0 | 70.7 | |
| | 63.6 | 63.3 | 63.1 | 62.8 | 47.3 | 46.2 | 46.5 | 46.9 | 57.7 | 54.5 | 55.1 | 56.0 | 64.5 | |
| | 63.0 | 64.2 | 64.6 | 65.0 | 66.3 | 78.4 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.0 | 83.8 | 83.6 | 91.5 | 97.3 | 80.8 | 80.6 | 82.9 | 89.2 | 88.8 | 88.4 | 88.0 | 3769.9 |
| 962 | 82.8 | 81.6 | 65.0 | 64.7 | 64.7 | 64.7 | 64.4 | 64.1 | 61.2 | 57.4 | 57.1 | 56.9 | 56.6 | |
| | 51.0 | 50.8 | 50.6 | 50.4 | 47.4 | 46.1 | 46.1 | 46.4 | 45.8 | 54.4 | 55.7 | 64.5 | 64.5 | |
| | 75.0 | 76.3 | 76.7 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |

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| | | | | | | | | | | | | | | |
|-----|-------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| 163 | 82.8 | 81.6 | 65.8 | 64.7 | 64.7 | 64.7 | 64.4 | 64.1 | 61.2 | 57.4 | 57.1 | 56.8 | 56.6 | |
| | 58.9 | 58.7 | 58.5 | 58.3 | 47.2 | 45.9 | 36.9 | 37.3 | 46.3 | 55.1 | 64.5 | 64.5 | 64.5 | |
| | 63.7 | 64.4 | 76.1 | 76.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.8 | 83.9 | 83.7 | 91.6 | 97.4 | 97.8 | 88.5 | 82.9 | 89.1 | 88.7 | 88.3 | 87.9 | 3663.3 |
| 164 | 82.6 | 65.2 | 64.8 | 64.5 | 64.4 | 64.5 | 64.1 | 63.8 | 68.9 | 57.1 | 56.8 | 56.5 | 56.3 | |
| | 58.6 | 58.4 | 58.2 | 48.8 | 37.6 | 36.5 | 36.4 | 36.3 | 35.7 | 34.6 | 44.8 | 57.1 | 64.5 | |
| | 75.5 | 76.8 | 76.5 | 76.8 | 78.0 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 97.9 | 83.8 | 83.6 | 91.6 | 97.4 | 96.9 | 88.5 | 82.9 | 89.1 | 88.7 | 88.3 | 87.9 | 3578.7 |
| 165 | 82.6 | 65.1 | 64.8 | 64.5 | 64.4 | 64.4 | 64.1 | 63.8 | 68.8 | 57.0 | 56.8 | 56.5 | 56.2 | |
| | 58.6 | 58.4 | 58.2 | 58.8 | 37.6 | 36.6 | 36.7 | 36.8 | 36.4 | 43.3 | 43.8 | 44.2 | 56.8 | |
| | 52.6 | 53.1 | 64.3 | 64.8 | 66.8 | 66.9 | 67.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 189.1 | 98.2 | 97.9 | 83.7 | 91.6 | 97.4 | 96.9 | 88.5 | 82.8 | 89.1 | 88.7 | 88.3 | 87.9 | 3477.1 |
| 166 | 82.6 | 65.2 | 64.8 | 64.5 | 64.5 | 64.5 | 64.2 | 63.9 | 68.9 | 57.2 | 56.9 | 56.7 | 56.4 | |
| | 58.8 | 58.6 | 58.4 | 58.2 | 47.2 | 45.9 | 36.7 | 36.8 | 36.2 | 34.7 | 44.3 | 56.1 | 64.5 | |
| | 63.4 | 63.7 | 63.9 | 64.2 | 65.4 | 66.4 | 66.8 | 67.1 | 68.2 | 73.7 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 97.9 | 83.7 | 83.4 | 91.2 | 88.9 | 88.6 | 88.3 | 82.6 | 71.1 | 78.9 | 78.6 | 78.4 | 3374.6 |
| 167 | 66.2 | 65.3 | 65.8 | 64.7 | 64.7 | 64.7 | 64.4 | 64.1 | 61.1 | 57.3 | 57.1 | 56.8 | 56.6 | |
| | 58.9 | 58.7 | 58.5 | 58.3 | 47.2 | 45.9 | 46.1 | 46.5 | 45.9 | 54.5 | 55.3 | 64.5 | 64.5 | |
| | 63.6 | 63.9 | 64.4 | 65.8 | 66.4 | 78.6 | 83.9 | 84.2 | 74.4 | 74.3 | 74.4 | 74.4 | 74.4 | |
| | 98.1 | 97.9 | 83.7 | 83.5 | 91.4 | 97.1 | 88.7 | 88.4 | 82.7 | 89.8 | 88.6 | 88.2 | 87.8 | 3571.9 |
| 168 | 82.5 | 65.1 | 64.9 | 64.6 | 64.5 | 64.6 | 64.3 | 64.8 | 61.1 | 57.3 | 57.1 | 56.9 | 56.6 | |
| | 51.8 | 58.8 | 58.7 | 58.5 | 47.4 | 46.1 | 46.1 | 46.6 | 57.6 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | 64.8 | 64.5 | 75.8 | 76.3 | 77.6 | 78.6 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 97.9 | 83.7 | 83.5 | 83.2 | 91.1 | 88.7 | 88.4 | 88.1 | 82.4 | 71.8 | 78.7 | 78.4 | 78.1 | 3558.9 |
| 169 | 66.8 | 65.8 | 64.7 | 64.3 | 64.2 | 64.2 | 63.9 | 63.6 | 68.6 | 56.8 | 56.6 | 56.3 | 56.8 | |
| | 58.4 | 48.2 | 48.1 | 48.8 | 37.6 | 36.6 | 36.7 | 37.8 | 36.3 | 34.3 | 34.5 | 34.7 | 35.8 | |
| | 32.6 | 32.8 | 33.1 | 33.4 | 33.9 | 34.4 | 43.1 | 43.1 | 43.6 | 46.7 | 46.7 | 46.7 | 53.3 | |
| | 53.6 | 53.5 | 53.4 | 53.2 | 58.2 | 61.9 | 61.6 | 61.3 | 63.8 | 67.7 | 67.3 | 67.8 | 66.6 | 2687.5 |
| 170 | 62.6 | 61.6 | 49.1 | 48.9 | 48.9 | 48.9 | 48.7 | 48.4 | 46.2 | 43.3 | 43.1 | 42.9 | 42.7 | |
| | 38.5 | 38.3 | 38.2 | 38.8 | 35.7 | 34.7 | 34.9 | 35.1 | 34.6 | 32.8 | 33.1 | 33.4 | 33.8 | |
| | 31.7 | 32.1 | 32.4 | 32.8 | 33.6 | 34.3 | 34.5 | 43.4 | 44.1 | 47.4 | 47.5 | 47.5 | 54.3 | |
| | 54.7 | 54.7 | 54.6 | 54.5 | 59.8 | 63.7 | 63.6 | 63.5 | 65.4 | 78.4 | 78.2 | 69.9 | 69.6 | 2426.4 |
| 171 | 65.4 | 64.5 | 64.2 | 63.9 | 63.8 | 63.8 | 63.5 | 63.2 | 68.2 | 45.3 | 45.1 | 44.9 | 44.8 | |
| | 48.3 | 48.2 | 48.1 | 39.9 | 37.5 | 36.4 | 36.3 | 36.3 | 35.5 | 33.6 | 34.2 | 35.8 | 44.5 | |
| | 52.3 | 52.7 | 53.2 | 53.6 | 54.5 | 66.7 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 97.9 | 83.8 | 83.6 | 91.5 | 97.3 | 88.9 | 88.6 | 83.8 | 89.2 | 88.9 | 88.5 | 88.2 | 3267.4 |
| 172 | 82.9 | 81.8 | 81.3 | 64.8 | 64.8 | 64.8 | 64.5 | 64.3 | 61.3 | 71.8 | 71.4 | 71.1 | 78.7 | |
| | 63.6 | 63.3 | 63.8 | 58.2 | 47.1 | 46.1 | 46.5 | 46.9 | 58.2 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | 75.5 | 76.8 | 76.4 | 76.7 | 77.9 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.8 | 83.8 | 83.6 | 83.4 | 91.4 | 97.1 | 88.7 | 88.4 | 82.7 | 88.9 | 88.5 | 88.1 | 78.3 | 3782.6 |
| 173 | 66.1 | 65.1 | 64.8 | 64.5 | 64.5 | 64.5 | 64.3 | 64.1 | 61.1 | 57.3 | 57.1 | 56.9 | 56.6 | SEE P. 20 |
| | 58.7 | 58.5 | 58.3 | 58.1 | 37.6 | 36.6 | 36.7 | 37.8 | 36.3 | 34.3 | 34.5 | 34.7 | 35.8 | |
| | 52.2 | 52.6 | 52.9 | 53.1 | 53.9 | 54.6 | 54.9 | 55.2 | 56.2 | 68.4 | 68.8 | 68.9 | 69.9 | 3819.1 |
| | 69.5 | 69.3 | 69.2 | 69.8 | 75.6 | 88.4 | 88.1 | 63.9 | 65.8 | 78.8 | 78.5 | 78.2 | 69.9 | |
| 174 | 65.7 | 64.7 | 64.4 | 64.1 | 64.8 | 64.8 | 63.7 | 63.3 | 68.4 | 56.6 | 56.4 | 44.9 | 44.8 | |
| | 48.3 | 48.2 | 48.1 | 39.9 | 37.5 | 36.5 | 36.6 | 37.8 | 36.7 | 43.5 | 54.8 | 55.8 | 55.3 | |
| | 51.6 | 51.9 | 52.3 | 52.7 | 53.6 | 54.3 | 54.5 | 54.7 | 55.5 | 59.6 | 59.8 | 59.8 | 68.4 | |
| | 68.9 | 68.8 | 68.7 | 68.5 | 75.8 | 63.9 | 63.7 | 63.5 | 65.4 | 78.4 | 78.1 | 69.8 | 69.4 | 2945.3 |
| 175 | 65.3 | 64.3 | 64.8 | 63.7 | 63.7 | 63.7 | 63.4 | 63.1 | 68.2 | 45.2 | 45.1 | 44.9 | 44.8 | ENCLOSURE |
| | 48.4 | 48.3 | 48.1 | 48.8 | 37.6 | 36.6 | 36.8 | 37.1 | 36.7 | 43.8 | 55.6 | 64.5 | 64.5 | N-1 |
| | 63.9 | 64.5 | 75.8 | 76.3 | 77.7 | 82.1 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 3488.7 |
| | 98.2 | 98.1 | 97.9 | 83.8 | 91.8 | 97.6 | 97.1 | 88.7 | 83.8 | 89.2 | 88.8 | 88.4 | 87.9 | 150 |

CONFIDENTIAL: PRIVILEGED ATTORNEY-
 CLAIMS COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 976 | 82.6 | 65.2 | 64.9 | 64.5 | 64.5 | 64.5 | 64.1 | 63.8 | 60.9 | 57.1 | 56.8 | 56.6 | 56.3 | |
| | 50.7 | 50.5 | 50.3 | 50.1 | 37.7 | 36.8 | 37.0 | 37.2 | 36.5 | 43.3 | 43.9 | 55.5 | 55.9 | |
| | 52.2 | 52.6 | 52.9 | 53.1 | 54.0 | 54.9 | 55.3 | 55.5 | 56.3 | 60.4 | 60.3 | 60.3 | 68.9 | |
| | 69.2 | 69.1 | 69.0 | 68.8 | 75.4 | 80.2 | 79.9 | 63.8 | 65.7 | 70.8 | 70.5 | 70.3 | 70.1 | 3066.5 |
| 977 | 65.9 | 65.0 | 64.7 | 64.4 | 64.4 | 64.4 | 64.1 | 63.8 | 60.9 | 57.1 | 56.9 | 56.6 | 56.4 | |
| | 50.8 | 50.6 | 50.4 | 50.2 | 47.1 | 36.7 | 35.7 | 37.0 | 36.5 | 43.6 | 55.6 | 64.5 | 64.5 | |
| | 75.0 | 75.4 | 75.8 | 76.2 | 77.5 | 78.5 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.0 | 83.9 | 83.8 | 91.8 | 97.7 | 97.3 | 96.9 | 83.1 | 89.4 | 89.1 | 88.7 | 88.4 | 3613.8 |
| 978 | 83.1 | 82.0 | 81.6 | 81.1 | 64.9 | 64.9 | 64.6 | 64.3 | 61.4 | 71.8 | 71.5 | 71.1 | 70.7 | |
| | 63.6 | 63.3 | 63.0 | 50.2 | 47.1 | 46.0 | 46.2 | 46.5 | 45.5 | 42.9 | 43.2 | 43.6 | 44.0 | |
| | 41.2 | 41.6 | 42.0 | 42.3 | 43.0 | 43.7 | 54.8 | 55.0 | 55.0 | 59.8 | 59.9 | 59.9 | 68.4 | |
| | 68.8 | 68.7 | 68.6 | 68.5 | 75.0 | 63.9 | 63.8 | 63.6 | 65.5 | 70.5 | 70.3 | 70.8 | 69.6 | 3132.2 |
| 979 | 65.5 | 64.5 | 64.2 | 63.9 | 63.9 | 63.9 | 63.6 | 63.2 | 60.3 | 45.3 | 45.2 | 45.0 | 44.9 | |
| | 40.4 | 40.3 | 40.2 | 40.1 | 37.6 | 36.7 | 36.7 | 37.0 | 36.6 | 43.5 | 55.0 | 55.5 | 56.0 | |
| | 52.5 | 53.0 | 53.4 | 64.7 | 66.1 | 67.1 | 78.6 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.0 | 83.9 | 83.8 | 91.8 | 97.6 | 97.3 | 96.9 | 83.2 | 89.5 | 89.2 | 88.8 | 88.4 | 3387.3 |
| 980 | 83.2 | 82.0 | 81.6 | 81.1 | 64.9 | 64.9 | 64.6 | 64.3 | 61.3 | 57.5 | 71.5 | 71.1 | 70.7 | |
| | 63.6 | 63.3 | 62.9 | 50.2 | 47.1 | 46.0 | 46.1 | 46.3 | 45.5 | 43.2 | 43.8 | 55.5 | 56.3 | |
| | 52.8 | 63.9 | 64.6 | 65.2 | 77.6 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 98.1 | 84.0 | 83.8 | 91.8 | 97.7 | 97.3 | 96.9 | 83.2 | 89.5 | 89.1 | 88.7 | 88.3 | 3723.8 |
| 981 | 83.0 | 81.9 | 81.4 | 64.9 | 64.9 | 64.9 | 64.7 | 64.4 | 61.4 | 71.9 | 71.5 | 71.1 | 70.7 | |
| | 63.6 | 63.3 | 63.0 | 50.3 | 47.2 | 46.2 | 46.6 | 58.6 | 57.5 | 54.4 | 54.8 | 55.1 | 55.5 | |
| | 51.8 | 52.5 | 53.3 | 64.8 | 66.3 | 84.3 | 84.0 | 84.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 98.2 | 97.9 | 83.8 | 83.7 | 91.8 | 97.6 | 97.3 | 96.9 | 83.1 | 89.4 | 89.1 | 88.7 | 88.3 | 3732.1 |
| 982 | 83.1 | 81.9 | 81.5 | 81.1 | 64.9 | 64.9 | 64.7 | 64.3 | 61.4 | 71.9 | 71.4 | 71.0 | 70.6 | |
| | 63.5 | 63.2 | 62.9 | 50.2 | 47.1 | 36.7 | 36.9 | 37.2 | 45.8 | 43.5 | 54.9 | 55.5 | 56.2 | |
| | 52.6 | 52.9 | 53.3 | 53.7 | 65.7 | 66.5 | 66.7 | 66.8 | 67.8 | 72.7 | 72.8 | 74.4 | 74.4 | |
| | 98.2 | 98.1 | 83.9 | 83.7 | 91.7 | 97.5 | 97.1 | 80.6 | 83.0 | 89.3 | 88.9 | 88.5 | 88.2 | 3595.2 |

| | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| AVG | 76.1 | 72.0 | 68.3 | 66.5 | 64.5 | 64.5 | 64.2 | 63.9 | 61.4 | 58.3 | 58.5 | 57.5 | 57.2 | |
| | 51.5 | 50.6 | 50.1 | 47.4 | 42.8 | 40.9 | 40.2 | 41.4 | 43.5 | 46.2 | 50.4 | 53.7 | 56.6 | |
| | 56.3 | 58.1 | 59.8 | 61.4 | 63.9 | 67.5 | 70.6 | 72.4 | 68.1 | 70.8 | 70.5 | 70.6 | 72.3 | |
| | 91.8 | 89.2 | 81.4 | 79.6 | 87.1 | 90.2 | 85.5 | 79.8 | 79.2 | 83.5 | 83.2 | 82.3 | 81.4 | 3403.5 |

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 1970 | 62.6 | 61.6 | 49.1 | 48.9 | 48.9 | 48.9 | 48.7 | 48.4 | 46.6 | 43.3 | 43.1 | 42.9 | 42.7 | |
| 1970 | 38.5 | 38.3 | 38.2 | 38.0 | 35.7 | 34.7 | 34.9 | 35.1 | 35.1 | 34.6 | 33.1 | 33.4 | 33.8 | |
| 1970 | 31.7 | 32.1 | 32.4 | 32.8 | 33.6 | 34.3 | 34.5 | | | | | | | |
| 1969 | 53.6 | 53.5 | 53.4 | 53.2 | 58.2 | 61.9 | 61.6 | | | | | | | |
| 1969 | | | | | | | | | | | | | | |

CONFIDENTIAL: PRIVILEGED ATTORNEY-CLIENT COMMUNICATION AND ATTORNEY WORK PRODUCT PREPARED IN ANTICIPATION OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | |
|------|------|------|------|------|------|------|--|
| 1969 | 43.1 | 43.6 | 46.7 | 46.7 | 46.7 | 53.3 | |
| 1969 | | | | | | | |
| 1969 | 61.7 | 63.0 | 67.7 | 67.7 | 67.0 | 66.6 | |
| 1969 | | | | | | | |

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Operating Budget N 2

RESERVOIR OPERATION CONSTRAINTS

MAXIMUM RESERVOIR ELEVATION

2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185.
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 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185. 2185.

MINIMUM RESERVOIR ELEVATION

2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065.
 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065. 2065.
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RESERVOIR RELEASE CONSTRAINTS

MINIMUM CONSUMPTIVE RELEASE

0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

MINIMUM NON-POWER RELEASE

0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

100 % OF THE MEAN MONTHLY OPERATING DISCHARGE

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 8917. | 9004. | 8069. | 7227. | 6537. | 6038. | 5451. | 10893. | 8467. | 7225. | 8531. | 9585. |

100 % OF THE MEAN WEEKLY OPERATING DISCHARGE (CFS)

| WEEKS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|
| 1-13 | 9012. | 8917. | 8917. | 8917. | 8917. | 8954. | 9004. | 9004. | 9004. | 8603. | 8069. | 8069. |
| 14-26 | 7227. | 7227. | 7227. | 7227. | 7227. | 6734. | 6537. | 6537. | 6537. | 6394. | 6038. | 6038. |
| 27-39 | 5451. | 5451. | 5451. | 5451. | 5451. | 8561. | 10893. | 10893. | 10893. | 10546. | 8467. | 8467. |
| 40-52 | 7225. | 7225. | 7225. | 7225. | 7225. | 7971. | 8531. | 8531. | 8531. | 8032. | 9585. | 9585. |

CONFIDENTIAL: PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND PARTICIPATION
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

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STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF MONTH | 0. | 80. | 100. | 120. | 140. |
|--------------|----|-------|-------|-------|-------|
| JAN | 0. | 940. | 1140. | 1340. | 1600. |
| FEB | 0. | 800. | 940. | 1040. | 1260. |
| MAR | 0. | 620. | 780. | 840. | 940. |
| APR | 0. | 440. | 520. | 600. | 740. |
| MAY | 0. | 480. | 620. | 680. | 800. |
| JUN | 0. | 560. | 900. | 1060. | 1240. |
| JUL | 0. | 900. | 1320. | 1460. | 1620. |
| AUG | 0. | 1240. | 1600. | 1740. | 1885. |
| SEP | 0. | 1340. | 1640. | 1780. | 1885. |
| OCT | 0. | 1500. | 1720. | 1820. | 1885. |
| NOV | 0. | 1200. | 1400. | 1580. | 1885. |
| DEC | 0. | 1080. | 1340. | 1420. | 1885. |

STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF MONTH | 60. | 80. | 100. | 120. |
|--------------|-------|-------|-------|-------|
| JAN | 760. | 1020. | 1200. | 1500. |
| FEB | 620. | 680. | 920. | 1080. |
| MAR | 500. | 540. | 720. | 820. |
| APR | 260. | 340. | 580. | 620. |
| MAY | 280. | 380. | 580. | 620. |
| JUN | 540. | 700. | 800. | 960. |
| JUL | 840. | 1020. | 1120. | 1320. |
| AUG | 1040. | 1300. | 1440. | 1660. |
| SEP | 1240. | 1500. | 1820. | 1880. |
| OCT | 1160. | 1600. | 1800. | 1880. |
| NOV | 960. | 1300. | 1500. | 1780. |
| DEC | 860. | 1180. | 1240. | 1650. |

STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
TO THE RATE LISTED (IN 1000 CFS*DAY)

| END OF WEEK | 0. | 80. | 100. | 120. | 140. |
|-------------|----|-------|-------|-------|-------|
| 1 | 0. | 1048. | 1295. | 1402. | 1821. |
| 2 | 0. | 1017. | 1250. | 1384. | 1756. |
| 3 | 0. | 985. | 1205. | 1366. | 1692. |
| 4 | 0. | 954. | 1159. | 1348. | 1628. |

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| | | | | | |
|----|----|-------|-------|-------|-------|
| 5 | | 920. | 1111. | 1257. | 1551. |
| 6 | 0. | 885. | 1061. | 1222. | 1466. |
| 7 | 0. | 850. | 1011. | 1147. | 1381. |
| 8 | 0. | 815. | 961. | 1072. | 1296. |
| 9 | 0. | 777. | 919. | 1014. | 1219. |
| 10 | 0. | 736. | 883. | 969. | 1146. |
| 11 | 0. | 695. | 847. | 924. | 1074. |
| 12 | 0. | 655. | 811. | 879. | 1002. |
| 13 | 0. | 614. | 771. | 832. | 933. |
| 14 | 0. | 572. | 711. | 776. | 887. |
| 15 | 0. | 530. | 650. | 720. | 840. |
| 16 | 0. | 488. | 589. | 664. | 793. |
| 17 | 0. | 446. | 529. | 608. | 747. |
| 18 | 0. | 448. | 539. | 615. | 752. |
| 19 | 0. | 457. | 562. | 634. | 765. |
| 20 | 0. | 466. | 585. | 652. | 779. |
| 21 | 0. | 475. | 607. | 670. | 792. |
| 22 | 0. | 488. | 648. | 718. | 844. |
| 23 | 0. | 507. | 713. | 807. | 947. |
| 24 | 0. | 525. | 779. | 895. | 1049. |
| 25 | 0. | 544. | 844. | 984. | 1152. |
| 26 | 0. | 571. | 914. | 1073. | 1252. |
| 27 | 0. | 648. | 1008. | 1163. | 1338. |
| 28 | 0. | 725. | 1103. | 1254. | 1424. |
| 29 | 0. | 801. | 1198. | 1344. | 1510. |
| 30 | 0. | 878. | 1293. | 1434. | 1595. |
| 31 | 0. | 955. | 1365. | 1505. | 1663. |
| 32 | 0. | 1032. | 1428. | 1568. | 1723. |
| 33 | 0. | 1108. | 1492. | 1632. | 1782. |
| 34 | 0. | 1185. | 1555. | 1695. | 1842. |
| 35 | 0. | 1247. | 1603. | 1743. | 1885. |
| 36 | 0. | 1270. | 1612. | 1752. | 1885. |
| 37 | 0. | 1293. | 1621. | 1761. | 1885. |
| 38 | 0. | 1317. | 1631. | 1771. | 1885. |
| 39 | 0. | 1340. | 1640. | 1780. | 1885. |
| 40 | 0. | 1376. | 1658. | 1789. | 1885. |
| 41 | 0. | 1412. | 1676. | 1798. | 1885. |
| 42 | 0. | 1448. | 1694. | 1807. | 1885. |
| 43 | 0. | 1485. | 1712. | 1816. | 1885. |
| 44 | 0. | 1460. | 1677. | 1788. | 1885. |
| 45 | 0. | 1390. | 1603. | 1732. | 1885. |
| 46 | 0. | 1320. | 1528. | 1676. | 1885. |
| 47 | 0. | 1250. | 1453. | 1620. | 1885. |
| 48 | 0. | 1192. | 1396. | 1570. | 1885. |
| 49 | 0. | 1165. | 1383. | 1534. | 1885. |
| 50 | 0. | 1138. | 1369. | 1497. | 1885. |
| 51 | 0. | 1111. | 1355. | 1461. | 1885. |
| 52 | 0. | 1080. | 1340. | 1420. | 1885. |

CONFIDENTIAL; PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY-
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
 TO THE RATE LISTED (IN 1000 CFS*DAY)

| | 80. | 100. | 120. |
|----|-------|-------|-------|
| 1 | 837. | 1144. | 1231. |
| 2 | 815. | 1108. | 1222. |
| 3 | 792. | 1072. | 1213. |
| 4 | 770. | 1035. | 1204. |
| 5 | 740. | 971. | 1160. |
| 6 | 705. | 886. | 1090. |
| 7 | 670. | 801. | 1020. |
| 8 | 635. | 716. | 950. |
| 9 | 605. | 662. | 894. |
| 10 | 577. | 630. | 849. |
| 11 | 550. | 599. | 804. |
| 12 | 523. | 567. | 759. |
| 13 | 492. | 533. | 715. |
| 14 | 436. | 487. | 683. |
| 15 | 380. | 440. | 650. |
| 16 | 324. | 393. | 617. |
| 17 | 268. | 347. | 585. |
| 18 | 264. | 348. | 580. |
| 19 | 268. | 357. | 580. |
| 20 | 273. | 366. | 580. |
| 21 | 277. | 375. | 580. |
| 22 | 306. | 412. | 602. |
| 23 | 367. | 487. | 653. |
| 24 | 427. | 561. | 705. |
| 25 | 488. | 636. | 756. |
| 26 | 550. | 710. | 810. |
| 27 | 617. | 783. | 883. |
| 28 | 685. | 855. | 955. |
| 29 | 753. | 927. | 1027. |
| 30 | 821. | 999. | 1099. |
| 31 | 872. | 1065. | 1172. |
| 32 | 917. | 1128. | 1244. |
| 33 | 963. | 1192. | 1316. |
| 34 | 1008. | 1255. | 1388. |
| 35 | 1053. | 1313. | 1465. |
| 36 | 1100. | 1360. | 1554. |
| 37 | 1147. | 1407. | 1643. |
| 38 | 1193. | 1453. | 1731. |
| 39 | 1240. | 1500. | 1820. |
| 40 | 1222. | 1523. | 1815. |
| 41 | 1204. | 1545. | 1811. |
| 42 | 1186. | 1568. | 1806. |
| 43 | 1168. | 1590. | 1802. |
| 44 | 1133. | 1560. | 1760. |
| 45 | 1087. | 1490. | 1690. |
| 46 | 1040. | 1420. | 1620. |
| 47 | 993. | 1350. | 1550. |
| 48 | 954. | 1292. | 1483. |
| 49 | 931. | 1265. | 1475. |
| 50 | 906. | 1238. | 1366. |
| 51 | 886. | 1211. | 1307. |
| 52 | 860. | 1180. | 1240. |

CONFIDENTIAL; PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
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140.0 120.0 120.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120.0 120.0 120.0 120.0 120.0 120.0

WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60% MIN.

END OF YEAR BASIS
OPERATION BY OPERATING GUIDE N-2

4960 GWH

*****WATANA

RESERVOIR, CALENDAR YEAR 1979 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 1225. | 7210. | 0. | 0. | 80. | 0. | 7519.6 | 2128.3 | 1455.0 | 664.6 | 88.1 | 1048.7 | 60 |
| | 2 | 1177. | 7134. | 0. | 0. | 80. | 0. | 7436.9 | 2125.6 | 1454.9 | 662.0 | 88.0 | 1042.5 | 59 |
| | 3 | 1177. | 7134. | 0. | 0. | 80. | 0. | 7354.1 | 2123.0 | 1454.9 | 659.3 | 88.0 | 1036.3 | 58 |
| | 4 | 1177. | 7134. | 0. | 0. | 80. | 0. | 7271.4 | 2120.3 | 1454.9 | 656.7 | 88.0 | 1030.0 | 58 |
| | 5 | 1093. | 7163. | 0. | 0. | 80. | 0. | 7187.1 | 2117.6 | 1454.9 | 654.0 | 87.9 | 1023.7 | 58 |
| FEB | 4 | 1093. | 5402. | 0. | 0. | 60. | 0. | 7127.3 | 2115.6 | 1454.3 | 652.4 | 87.9 | 1019.9 | 44 |
| | 7 | 1093. | 5402. | 0. | 0. | 60. | 0. | 7067.4 | 2113.7 | 1454.3 | 650.5 | 87.9 | 1015.4 | 44 |
| | 8 | 1093. | 5402. | 0. | 0. | 60. | 0. | 7007.6 | 2111.7 | 1454.3 | 648.6 | 87.8 | 1010.9 | 43 |
| | 9 | 1009. | 5162. | 0. | 0. | 60. | 0. | 6949.9 | 2109.9 | 1454.2 | 646.8 | 87.8 | 1006.6 | 41 |
| MAR | 4 | 1009. | 4841. | 0. | 0. | 60. | 0. | 6896.7 | 2108.1 | 1454.1 | 645.1 | 87.8 | 1002.7 | 41 |
| | 11 | 1009. | 4841. | 0. | 0. | 60. | 0. | 6843.4 | 2106.4 | 1454.1 | 643.4 | 87.8 | 998.8 | 39 |
| | 12 | 1009. | 4841. | 0. | 0. | 60. | 0. | 6790.2 | 2104.7 | 1454.1 | 641.7 | 87.7 | 994.9 | 38 |
| | 13 | 1009. | 4841. | 0. | 0. | 60. | 0. | 6737.0 | 2103.0 | 1454.1 | 640.0 | 87.7 | 991.0 | 38 |
| APR | 1 | 1009. | 4809. | 0. | 0. | 67. | 0. | 6684.2 | 2101.3 | 1454.1 | 638.3 | 87.7 | 987.1 | 38 |
| | 15 | 1057. | 4800. | 0. | 0. | 66. | 0. | 6632.2 | 2099.5 | 1454.1 | 636.6 | 87.7 | 983.2 | 38 |
| | 16 | 1165. | 4779. | 0. | 0. | 66. | 0. | 6582.0 | 2097.6 | 1454.1 | 634.8 | 87.6 | 979.0 | 37 |
| | 17 | 1466. | 4723. | 0. | 0. | 65. | 0. | 6536.8 | 2095.9 | 1454.1 | 633.0 | 87.6 | 974.9 | 37 |
| | 18 | 2307. | 5564. | 0. | 0. | 83. | 0. | 6491.6 | 2094.1 | 1454.3 | 631.0 | 87.6 | 970.4 | 43 |
| MAY | 6 | 4325. | 5182. | 0. | 0. | 79. | 0. | 6479.7 | 2093.7 | 1454.2 | 630.1 | 87.6 | 968.3 | 40 |
| | 20 | 10091. | 4091. | 0. | 0. | 63. | 0. | 6563.0 | 2096.9 | 1454.0 | 631.6 | 87.6 | 971.8 | 32 |
| | 21 | 16097. | 3922. | 0. | 0. | 63. | 0. | 6732.4 | 2102.8 | 1454.0 | 636.2 | 87.7 | 982.2 | 31 |
| | 22 | 26633. | 5116. | 0. | 0. | 80. | 0. | 7030.9 | 2112.5 | 1454.1 | 643.7 | 87.8 | 999.5 | 41 |
| JUN | 3 | 23113. | 6038. | 0. | 0. | 100. | 0. | 7268.1 | 2120.2 | 1454.5 | 651.9 | 87.9 | 1018.7 | 49 |
| | 24 | 19401. | 6038. | 0. | 0. | 100. | 0. | 7453.9 | 2126.2 | 1454.5 | 658.6 | 88.0 | 1034.6 | 49 |
| | 25 | 17515. | 6038. | 0. | 0. | 100. | 0. | 7613.0 | 2131.3 | 1454.5 | 664.1 | 88.1 | 1047.6 | 50 |
| | 26 | 21671. | 6038. | 0. | 0. | 100. | 0. | 7830.1 | 2138.4 | 1454.5 | 670.1 | 88.1 | 1061.8 | 50 |
| JUL | 1 | 22176. | 5451. | 0. | 0. | 100. | 0. | 8062.4 | 2145.9 | 1454.3 | 677.5 | 88.3 | 1079.3 | 46 |
| | 28 | 21936. | 6541. | 0. | 0. | 120. | 0. | 8276.2 | 2152.4 | 1454.7 | 684.0 | 88.2 | 1094.7 | 46 |
| | 29 | 26705. | 6541. | 0. | 0. | 120. | 0. | 8556.3 | 2160.0 | 1454.7 | 691.0 | 88.2 | 1111.4 | 46 |
| | 30 | 27293. | 6541. | 0. | 0. | 120. | 0. | 8844.5 | 2167.9 | 1454.7 | 698.6 | 88.1 | 1129.7 | 57 |
| | 31 | 22296. | 9553. | 0. | 0. | 112. | 0. | 9021.4 | 2172.8 | 1455.8 | 703.8 | 88.1 | 1142.2 | 84 |
| AUG | 5 | 20854. | 9496. | 0. | 0. | 87. | 0. | 9179.2 | 2177.1 | 1455.8 | 708.3 | 88.0 | 1153.3 | 84 |
| | 33 | 16842. | 9453. | 0. | 0. | 87. | 0. | 9281.8 | 2179.9 | 1455.8 | 711.9 | 88.0 | 1161.9 | 84 |
| | 34 | 14343. | 9425. | 0. | 0. | 87. | 0. | 9350.1 | 2181.8 | 1455.8 | 714.2 | 88.0 | 1167.6 | 84 |
| | 35 | 12758. | 8300. | 1287. | 0. | 79. | 0. | 9394.1 | 2183.0 | 1455.8 | 715.6 | 87.9 | 1171.1 | 74 |
| SEP | 2 | 7944. | 8302. | 2195. | 0. | 98. | 0. | 9358.7 | 2182.0 | 1456.1 | 715.5 | 88.0 | 1170.7 | 74 |
| | 37 | 7739. | 8313. | 2223. | 0. | 98. | 0. | 9319.8 | 2180.9 | 1456.1 | 714.4 | 88.0 | 1168.3 | 74 |
| | 38 | 11388. | 8304. | 0. | 0. | 98. | 0. | 9362.7 | 2182.1 | 1455.4 | 715.3 | 88.0 | 1170.3 | 74 |
| | 39 | 10305. | 7251. | 0. | 0. | 86. | 0. | 9411.1 | 2183.4 | 1455.0 | 716.9 | 87.9 | 1174.2 | 74 |
| OCT | 1 | 6635. | 8670. | 0. | 0. | 120. | 0. | 9382.9 | 2182.7 | 1455.5 | 716.6 | 87.9 | 1173.6 | 77 |
| | 41 | 8421. | 8670. | 0. | 0. | 120. | 0. | 9379.4 | 2182.6 | 1455.5 | 716.2 | 87.9 | 1172.6 | 77 |
| | 42 | 5915. | 8670. | 0. | 0. | 120. | 0. | 9341.1 | 2181.5 | 1455.5 | 715.6 | 87.9 | 1171.2 | 77 |
| | 43 | 4370. | 8670. | 0. | 0. | 120. | 0. | 9281.4 | 2179.9 | 1455.5 | 714.3 | 88.0 | 1168.0 | 77 |
| | 44 | 4096. | 7971. | 0. | 0. | 100. | 0. | 9227.6 | 2178.4 | 1455.2 | 713.0 | 88.0 | 1164.0 | 71 |
| NOV | 5 | 3720. | 8531. | 0. | 0. | 100. | 0. | 9160.8 | 2176.6 | 1455.4 | 711.2 | 88.0 | 1160.4 | 76 |
| | 45 | 4145. | 8571. | 0. | 0. | 100. | 0. | 9099.9 | 2174.9 | 1455.4 | 709.5 | 88.0 | 1156.2 | 75 |

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DEC 3

| | | | | | | | | | | | | |
|----|-------|--------|------|----|------|--------|--------|--------|-------|------|--------|------|
| 48 | 2967. | 10237. | 0. | 0. | 120. | 8998.9 | 2172.2 | 1456.1 | 706.7 | 88.0 | 1140.3 | 98 |
| 49 | 2823. | 10599. | 0. | 0. | 120. | 8890.9 | 2169.2 | 1456.1 | 703.8 | 88.1 | 1140.2 | 93 |
| 50 | 2307. | 11502. | 0. | 0. | 120. | 8763.2 | 2165.7 | 1456.4 | 700.4 | 88.1 | 1133.9 | 101 |
| 51 | 2078. | 11502. | 0. | 0. | 120. | 8632.3 | 2162.1 | 1456.4 | 696.9 | 88.1 | 1125.6 | 100 |
| 52 | 1898. | 11502. | 0. | 0. | 120. | 8499.0 | 2158.5 | 1456.4 | 693.4 | 88.2 | 1117.1 | 100 |
| | 1718. | 11502. | 0. | 0. | 120. | 8363.1 | 2154.8 | 1456.4 | 689.7 | 88.2 | 1100.4 | 99 |
| | 8340. | 7186. | 110. | 0. | 90. | 8010.1 | 2142.0 | 1455.0 | 676.5 | 87.9 | 1077.7 | 3211 |

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WORK PRODUCT PREPARED IN ANTITRUST ACTION
OF LITIGATION; RESTRICTED DISTRIBUTION

***** PRODUCTION SUMMARY, CALENDAR YEAR 1979 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ATANA | RESERVOIR | 60.1 | 59.2 | 58.9 | 58.7 | 58.7 | 44.1 | 44.0 | 43.8 | 41.8 | 39.0 | 38.9 | 38.8 | 38.7 | |
| | | 38.3 | 38.2 | 37.9 | 37.3 | 43.8 | 40.7 | 32.2 | 31.2 | 41.2 | 49.3 | 49.8 | 50.3 | 50.8 | |
| | | 46.4 | 56.2 | 56.8 | 57.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 77.8 | 77.8 | 77.7 | 77.6 | 71.2 | 76.0 | 75.9 | 90.7 | 93.6 | 101.1 | 100.6 | 100.1 | 99.6 | 321 |
| TOTAL ENERGY PRODUCTION | | 60.1 | 59.2 | 58.9 | 58.7 | 58.7 | 44.1 | 44.0 | 43.8 | 41.8 | 39.0 | 38.9 | 38.8 | 38.7 | |
| | | 38.3 | 38.2 | 37.9 | 37.3 | 43.8 | 40.7 | 32.2 | 31.2 | 41.2 | 49.3 | 49.8 | 50.3 | 50.8 | |
| | | 46.4 | 56.2 | 56.8 | 57.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 77.8 | 77.8 | 77.7 | 77.6 | 71.2 | 76.0 | 75.9 | 90.7 | 93.6 | 101.1 | 100.6 | 100.1 | 99.6 | 321 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 49 |
| FIRM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 166 |
| SECONDARY | | 18.6 | 17.7 | 17.4 | 17.2 | 20.5 | 5.9 | 5.8 | 5.7 | 11.9 | 9.2 | 9.1 | 8.9 | 8.8 | |
| | | 6.8 | 6.6 | 6.3 | 5.8 | 13.9 | 10.8 | 2.4 | 1.3 | 19.6 | 27.7 | 28.3 | 28.7 | 29.2 | |
| | | 18.2 | 28.0 | 28.5 | 29.1 | 56.1 | 56.1 | 56.1 | 56.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | |
| | | 41.3 | 41.3 | 41.2 | 41.1 | 31.4 | 36.2 | 36.0 | 50.9 | 57.0 | 64.6 | 64.1 | 63.6 | 63.1 | 155 |
| SHORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

*** CAPABILITY (MJD) ***

| | | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| ATANA | RESERVOIR | 1048.7 | 1042.5 | 1036.3 | 1030.0 | 1023.7 | 1019.9 | 1015.4 | 1010.9 | 1006.6 | 1002.7 | 998.8 | 994.9 | 991.0 | |
| | | 987.1 | 983.2 | 979.0 | 974.9 | 970.4 | 968.3 | 971.8 | 982.2 | 999.5 | 1018.7 | 1034.6 | 1047.6 | 1061.8 | |
| | | 1079.3 | 1094.7 | 1111.4 | 1129.7 | 1142.2 | 1153.3 | 1161.9 | 1167.6 | 1171.1 | 1170.7 | 1168.3 | 1170.3 | 1174.2 | |
| | | 1173.6 | 1172.6 | 1171.2 | 1168.0 | 1164.8 | 1160.4 | 1156.2 | 1149.3 | 1142.2 | 1133.9 | 1125.6 | 1117.1 | 1108.4 | |
| TOTAL CAPABILITY | | 1048.7 | 1042.5 | 1036.3 | 1030.0 | 1023.7 | 1019.9 | 1015.4 | 1010.9 | 1006.6 | 1002.7 | 998.8 | 994.9 | 991.0 | |
| | | 987.1 | 983.2 | 979.0 | 974.9 | 970.4 | 968.3 | 971.8 | 982.2 | 999.5 | 1018.7 | 1034.6 | 1047.6 | 1061.8 | |
| | | 1079.3 | 1094.7 | 1111.4 | 1129.7 | 1142.2 | 1153.3 | 1161.9 | 1167.6 | 1171.1 | 1170.7 | 1168.3 | 1170.3 | 1174.2 | |
| | | 1173.6 | 1172.6 | 1171.2 | 1168.0 | 1164.8 | 1160.4 | 1156.2 | 1149.3 | 1142.2 | 1133.9 | 1125.6 | 1117.1 | 1108.4 | |

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*****WATANA RESERVOIR, CALENDAR YEAR 1969*****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (x) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (x) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 649. | 9012. | 0. | 0. | 100. | 0. | 8051.8 | 2145.6 | 1455.6 | 681.4 | 88.3 | 1088.5 | 77 |
| | 2 | 631. | 8917. | 0. | 0. | 100. | 0. | 7936.7 | 2141.8 | 1455.6 | 677.8 | 88.3 | 1079.8 | 76 |
| | 3 | 589. | 8917. | 0. | 0. | 100. | 0. | 7821.0 | 2138.1 | 1455.6 | 674.1 | 88.2 | 1071.1 | 75 |
| | 4 | 589. | 7134. | 0. | 0. | 80. | 0. | 7730.1 | 2135.1 | 1454.9 | 671.5 | 88.2 | 1064.9 | 68 |
| | 5 | 589. | 7163. | 0. | 0. | 80. | 0. | 7638.8 | 2132.2 | 1454.9 | 668.5 | 88.1 | 1058.0 | 60 |
| FEB | 4 | 589. | 7203. | 0. | 0. | 80. | 0. | 7547.0 | 2129.2 | 1455.0 | 665.6 | 88.1 | 1051.1 | 60 |
| | 7 | 601. | 7203. | 0. | 0. | 80. | 0. | 7455.3 | 2126.2 | 1455.0 | 662.7 | 88.0 | 1044.2 | 59 |
| | 8 | 631. | 7203. | 0. | 0. | 80. | 0. | 7364.0 | 2123.3 | 1455.0 | 659.8 | 88.0 | 1037.3 | 59 |
| | 9 | 631. | 6083. | 0. | 0. | 80. | 0. | 7277.2 | 2120.5 | 1454.8 | 657.0 | 88.0 | 1030.9 | 56 |
| MAR | 4 | 655. | 6455. | 0. | 0. | 80. | 0. | 7196.6 | 2117.9 | 1454.7 | 654.5 | 87.9 | 1024.9 | |
| | 11 | 673. | 6455. | 0. | 0. | 80. | 0. | 7116.3 | 2115.3 | 1454.7 | 652.0 | 87.9 | 1018.9 | |
| | 12 | 709. | 6455. | 0. | 0. | 80. | 0. | 7036.5 | 2112.7 | 1454.7 | 649.4 | 87.9 | 1012.8 | 52 |
| | 13 | 733. | 6455. | 0. | 0. | 80. | 0. | 6957.1 | 2110.1 | 1454.7 | 646.9 | 87.8 | 1006.8 | 52 |
| APR | 1 | 805. | 5782. | 0. | 0. | 80. | 0. | 6887.9 | 2107.9 | 1454.4 | 644.8 | 87.8 | 1001.9 | 46 |
| | 15 | 949. | 5782. | 0. | 0. | 80. | 0. | 6820.8 | 2105.7 | 1454.4 | 642.6 | 87.8 | 996.9 | 46 |
| | 16 | 1237. | 5782. | 0. | 0. | 80. | 0. | 6757.7 | 2103.6 | 1454.4 | 640.5 | 87.7 | 992.2 | 46 |
| | 17 | 1754. | 5782. | 0. | 0. | 80. | 0. | 6701.8 | 2101.8 | 1454.4 | 638.6 | 87.7 | 987.8 | 46 |
| | 18 | 2059. | 5459. | 0. | 0. | 80. | 0. | 6665.7 | 2100.7 | 1454.3 | 637.3 | 87.7 | 984.7 | 43 |
| MAY | 6 | 5056. | 5230. | 0. | 0. | 80. | 0. | 6663.2 | 2100.6 | 1454.2 | 636.7 | 87.7 | 983.5 | 41 |
| | 20 | 9615. | 5230. | 0. | 0. | 80. | 0. | 6724.2 | 2102.6 | 1454.2 | 637.7 | 87.7 | 985.6 | 41 |
| | 21 | 16866. | 5230. | 0. | 0. | 80. | 0. | 6885.8 | 2107.8 | 1454.2 | 641.2 | 87.7 | 993.8 | 41 |
| | 22 | 10149. | 5116. | 0. | 0. | 80. | 0. | 6855.7 | 2110.1 | 1454.1 | 645.0 | 87.8 | 1002.4 | 41 |
| JUN | 3 | 10764. | 4830. | 0. | 0. | 80. | 0. | 6839.1 | 2112.7 | 1454.1 | 647.5 | 87.8 | 1008.2 | 39 |
| | 24 | 13719. | 4830. | 0. | 0. | 80. | 0. | 7039.1 | 2116.7 | 1454.1 | 650.7 | 87.9 | 1016.0 | 39 |
| | 25 | 15028. | 4830. | 0. | 0. | 80. | 0. | 7303.1 | 2121.3 | 1454.1 | 655.0 | 87.9 | 1025.9 | 39 |
| | 26 | 13647. | 4830. | 0. | 0. | 80. | 0. | 7425.6 | 2125.3 | 1454.1 | 659.2 | 88.0 | 1035.9 | 39 |
| JUL | 1 | 11713. | 4361. | 0. | 0. | 80. | 0. | 7527.7 | 2128.6 | 1454.0 | 662.8 | 88.0 | 1044.5 | 36 |
| | 28 | 14824. | 4361. | 0. | 0. | 80. | 0. | 7673.0 | 2133.3 | 1454.0 | 666.7 | 88.1 | 1053.8 | 36 |
| | 29 | 15232. | 4361. | 0. | 0. | 80. | 0. | 7824.0 | 2138.2 | 1454.0 | 671.5 | 88.2 | 1064.9 | 36 |
| | 30 | 12734. | 4361. | 0. | 0. | 80. | 0. | 7940.3 | 2141.9 | 1454.0 | 675.7 | 88.2 | 1075.0 | 37 |
| | 31 | 11256. | 6849. | 0. | 0. | 80. | 0. | 8001.5 | 2143.9 | 1454.8 | 677.8 | 88.3 | 1079.9 | 58 |
| AUG | 5 | 12013. | 9727. | 0. | 0. | 89. | 0. | 8033.2 | 2145.0 | 1455.9 | 678.2 | 88.3 | 1080.9 | 82 |
| | 33 | 6222. | 9904. | 919. | 0. | 91. | 0. | 7969.3 | 2142.9 | 1456.2 | 677.4 | 88.3 | 1078.9 | 84 |
| | 34 | 5047. | 9943. | 1103. | 0. | 91. | 0. | 7886.0 | 2140.2 | 1456.3 | 675.0 | 88.2 | 1073.3 | 84 |
| | 35 | 4703. | 8813. | 2297. | 0. | 84. | 0. | 7797.0 | 2137.3 | 1456.3 | 672.2 | 88.2 | 1066.7 | 74 |
| SEP | 2 | 5300. | 8852. | 2145. | 0. | 105. | 0. | 7717.9 | 2134.7 | 1456.2 | 669.6 | 88.1 | 1060.5 | 74 |
| | 37 | 4635. | 8892. | 2232. | 0. | 105. | 0. | 7627.8 | 2131.8 | 1456.3 | 666.8 | 88.1 | 1054.0 | 74 |
| | 38 | 3974. | 7388. | 0. | 0. | 87. | 0. | 7580.4 | 2130.3 | 1455.0 | 665.9 | 88.1 | 1051.0 | 61 |
| | 39 | 3814. | 5278. | 0. | 0. | 62. | 0. | 7557.1 | 2129.5 | 1454.2 | 665.6 | 88.1 | 1051.0 | 50 |
| OCT | 1 | 3313. | 4373. | 0. | 0. | 61. | 0. | 7542.4 | 2129.1 | 1454.0 | 665.1 | 88.1 | 1050.0 | 30 |
| | 41 | 3119. | 4410. | 0. | 0. | 61. | 0. | 7524.5 | 2128.5 | 1454.0 | 664.6 | 88.1 | 1048.7 | 30 |
| | 42 | 2732. | 4483. | 0. | 0. | 62. | 0. | 7500.2 | 2127.7 | 1454.0 | 663.9 | 88.1 | 1047.1 | 37 |
| | 43 | 1844. | 4651. | 0. | 0. | 64. | 0. | 7461.2 | 2126.4 | 1454.1 | 662.9 | 88.0 | 1044.7 | 38 |
| | 44 | 1442. | 4783. | 0. | 0. | 60. | 0. | 7414.8 | 2124.9 | 1454.1 | 661.5 | 88.0 | 1041.4 | 39 |
| NOV | 5 | 1201. | 5119. | 0. | 0. | 60. | 0. | 7360.4 | 2123.2 | 1454.1 | 659.9 | 88.0 | 1037.5 | 42 |
| | 10 | 640. | 5119. | 0. | 0. | 60. | 0. | 7302.5 | 2121.3 | 1454.1 | 658.1 | 88.0 | 1033.3 | 42 |

CONFIDENTIAL: PRIVILEGED AND ATTORNEY-CLIENT COMMUNICATION AND WORK PRODUCT PREPARED IN CONNECTION WITH LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | | | |
|-----|----|------|-------|-------|------|-----|-----|--------|--------|--------|--------|-------|--------|--------|------|
| | 7 | 841. | 5119. | 0. | 0. | 60. | 0. | 7243.1 | 2119.4 | 1454.1 | 656.2 | 87.9 | 1000.8 | 42 | |
| | 48 | 787. | 5299. | 0. | 0. | 60. | 0. | 7100.4 | 2117.3 | 1454.2 | 654.2 | 87.9 | 1000.1 | 43 | |
| DEC | 3 | 49 | 757. | 5751. | 0. | 0. | 0. | 7111.1 | 2115.1 | 1454.4 | 651.9 | 87.9 | 1018.7 | 46 | |
| | | 50 | 721. | 5751. | 0. | 0. | 0. | 7041.2 | 2112.8 | 1454.4 | 649.7 | 87.9 | 1013.4 | 46 | |
| | | 51 | 715. | 5751. | 0. | 0. | 0. | 6971.3 | 2110.6 | 1454.4 | 647.4 | 87.8 | 1000.2 | 46 | |
| | | 52 | 715. | 5751. | 0. | 0. | 0. | 6901.3 | 2108.3 | 1454.4 | 645.2 | 87.8 | 1003.0 | 46 | |
| | | | 4641. | 6223. | 167. | 0. | 78. | 0. | 7361.7 | 2123.2 | 1454.7 | 658.9 | 88.0 | 1035.3 | 2685 |

CONFIDENTIAL; PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY-
 WORK PRODUCT PROTECTION
 LITIGATION; RESTRICTED DISTRIBUTION

***** PRODUCTION SUMMARY, CALENDAR YEAR 1969 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ATANA | RESERVOIR | 77.2 | 76.0 | 75.5 | 60.1 | 60.1 | 60.1 | 59.9 | 59.6 | 56.7 | 52.9 | 52.7 | 52.5 | 52.2 | |
| | | 46.6 | 46.4 | 46.3 | 46.1 | 43.4 | 41.6 | 41.6 | 41.9 | 41.3 | 39.1 | 39.3 | 39.6 | 39.9 | |
| | | 36.2 | 36.5 | 36.8 | 37.0 | 58.3 | 82.9 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.7 | 50.4 | |
| | | 36.5 | 36.8 | 37.3 | 38.7 | 39.7 | 42.3 | 42.2 | 42.1 | 43.4 | 46.9 | 46.7 | 46.6 | 46.4 | 268 |
| TOTAL ENERGY PRODUCTION | | 77.2 | 76.0 | 75.5 | 60.1 | 60.1 | 60.1 | 59.9 | 59.6 | 56.7 | 52.9 | 52.7 | 52.5 | 52.2 | |
| | | 46.6 | 46.4 | 46.3 | 46.1 | 43.4 | 41.6 | 41.6 | 41.9 | 41.3 | 39.1 | 39.3 | 39.6 | 39.9 | |
| | | 36.2 | 36.5 | 36.8 | 37.0 | 58.3 | 82.9 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.7 | 50.4 | |
| | | 36.5 | 36.8 | 37.3 | 38.7 | 39.7 | 42.3 | 42.2 | 42.1 | 43.4 | 46.9 | 46.7 | 46.6 | 46.4 | 268 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 46 |
| FIRM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 166 |
| SECONDARY | | 35.7 | 34.5 | 34.0 | 10.6 | 21.9 | 22.0 | 21.7 | 21.4 | 26.8 | 23.0 | 22.8 | 22.6 | 22.3 | |
| | | 15.1 | 14.9 | 14.7 | 14.6 | 13.6 | 11.7 | 11.8 | 12.0 | 19.7 | 17.5 | 17.8 | 18.0 | 18.3 | |
| | | 8.0 | 8.3 | 8.5 | 8.0 | 30.1 | 54.7 | 56.1 | 56.1 | 49.5 | 49.5 | 49.5 | 36.8 | 25.5 | |
| | | 0.0 | 0.2 | 0.0 | 2.1 | 0.0 | 2.5 | 2.4 | 2.2 | 6.9 | 10.4 | 10.2 | 10.1 | 9.9 | 102 |
| SHORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ATANA | RESERVOIR | 1088.5 | 1079.8 | 1071.1 | 1064.9 | 1058.0 | 1051.1 | 1044.2 | 1037.3 | 1030.9 | 1024.9 | 1018.9 | 1012.8 | 1006.8 |
| | | 1001.9 | 996.9 | 992.2 | 987.8 | 984.7 | 983.5 | 985.6 | 993.8 | 1002.4 | 1008.2 | 1016.0 | 1025.9 | 1035.9 |
| | | 1044.5 | 1053.8 | 1064.9 | 1075.0 | 1079.9 | 1080.9 | 1078.9 | 1073.3 | 1066.7 | 1060.5 | 1054.0 | 1051.8 | 1051.0 |
| | | 1050.0 | 1048.7 | 1047.1 | 1044.7 | 1041.4 | 1037.5 | 1033.3 | 1028.8 | 1024.1 | 1018.7 | 1013.4 | 1008.2 | 1003.0 |
| TOTAL CAPABILITY | | 1088.5 | 1079.8 | 1071.1 | 1064.9 | 1058.0 | 1051.1 | 1044.2 | 1037.3 | 1030.9 | 1024.9 | 1018.9 | 1012.8 | 1006.8 |
| | | 1001.9 | 996.9 | 992.2 | 987.8 | 984.7 | 983.5 | 985.6 | 993.8 | 1002.4 | 1008.2 | 1016.0 | 1025.9 | 1035.9 |
| | | 1044.5 | 1053.8 | 1064.9 | 1075.0 | 1079.9 | 1080.9 | 1078.9 | 1073.3 | 1066.7 | 1060.5 | 1054.0 | 1051.8 | 1051.0 |
| | | 1050.0 | 1048.7 | 1047.1 | 1044.7 | 1041.4 | 1037.5 | 1033.3 | 1028.8 | 1024.1 | 1018.7 | 1013.4 | 1008.2 | 1003.0 |

CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION - RESTRICTED DISTRIBUTION

*****WATANA

RESERVOIR, CALENDAR YEAR 1970 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EQW RES CONTENT (1000 AF) | EQW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 715. | 5407. | 0. | 0. | 60. | 0. | 6836.1 | 2106.2 | 1454.3 | 643.2 | 87.8 | 998.3 | 43 |
| | 2 | 715. | 5350. | 0. | 0. | 60. | 0. | 6771.8 | 2104.1 | 1454.2 | 641.1 | 87.7 | 993.6 | 42 |
| | 3 | 685. | 5350. | 0. | 0. | 60. | 0. | 6707.0 | 2102.0 | 1454.2 | 639.1 | 87.7 | 988.9 | 42 |
| | 4 | 673. | 5350. | 0. | 0. | 60. | 0. | 6642.0 | 2099.9 | 1454.2 | 637.0 | 87.7 | 984.1 | 42 |
| | 5 | 673. | 5373. | 0. | 0. | 60. | 0. | 6576.8 | 2097.4 | 1454.2 | 634.7 | 87.6 | 978.9 | 42 |
| FEB | 4 | 673. | 5402. | 0. | 0. | 60. | 0. | 6511.1 | 2094.9 | 1454.3 | 632.2 | 87.6 | 973.1 | 42 |
| | 7 | 631. | 5402. | 0. | 0. | 60. | 0. | 6444.8 | 2092.3 | 1454.3 | 629.7 | 87.6 | 967.4 | 42 |
| | 8 | 631. | 5402. | 0. | 0. | 60. | 0. | 6378.5 | 2089.8 | 1454.3 | 627.2 | 87.5 | 961.7 | 42 |
| | 9 | 631. | 5162. | 0. | 0. | 60. | 0. | 6315.6 | 2087.4 | 1454.2 | 624.9 | 87.5 | 956.3 | 40 |
| MAR | 4 | 631. | 4881. | 0. | 0. | 60. | 0. | 6256.6 | 2085.1 | 1454.1 | 622.7 | 87.5 | 951.2 | 37 |
| | 11 | 643. | 4879. | 0. | 0. | 60. | 0. | 6197.8 | 2082.9 | 1454.1 | 620.4 | 87.4 | 946.1 | 37 |
| | 12 | 673. | 4873. | 0. | 0. | 60. | 0. | 6139.4 | 2080.6 | 1454.1 | 618.2 | 87.4 | 941.0 | 37 |
| | 13 | 673. | 4873. | 0. | 0. | 60. | 0. | 6081.1 | 2078.4 | 1454.1 | 616.0 | 87.4 | 935.9 | 37 |
| APR | 1 | 715. | 4865. | 0. | 0. | 67. | 0. | 6023.5 | 2076.2 | 1454.1 | 613.8 | 87.3 | 930.9 | 37 |
| | 15 | 787. | 4851. | 0. | 0. | 67. | 0. | 5967.0 | 2074.0 | 1454.1 | 611.7 | 87.3 | 926.0 | 36 |
| | 16 | 901. | 4830. | 0. | 0. | 67. | 0. | 5912.5 | 2071.9 | 1454.1 | 609.6 | 87.3 | 921.3 | 36 |
| | 17 | 1093. | 4793. | 0. | 0. | 66. | 0. | 5861.1 | 2069.9 | 1454.1 | 607.6 | 87.2 | 916.8 | 36 |
| | 18 | 1634. | 5691. | 0. | 0. | 66. | 0. | 5804.7 | 2067.8 | 1454.4 | 605.3 | 87.2 | 911.6 | 42 |
| MAY | 6 | 3880. | 5266. | 0. | 0. | 91. | 0. | 5795.5 | 2067.0 | 1454.2 | 604.0 | 87.2 | 908.8 | 39 |
| | 20 | 13743. | 3922. | 0. | 0. | 69. | 0. | 5821.9 | 2072.3 | 1454.0 | 606.4 | 87.2 | 914.2 | 29 |
| | 21 | 12409. | 3922. | 0. | 0. | 68. | 0. | 5839.7 | 2076.8 | 1454.0 | 611.2 | 87.3 | 924.9 | 29 |
| | 22 | 15244. | 3837. | 0. | 0. | 68. | 0. | 5819.2 | 2082.9 | 1454.0 | 616.5 | 87.4 | 936.9 | 29 |
| JUN | 3 | 14271. | 3623. | 0. | 0. | 60. | 0. | 5346.0 | 2088.5 | 1454.0 | 622.3 | 87.5 | 950.2 | 28 |
| | 24 | 13767. | 3623. | 0. | 0. | 60. | 0. | 6486.9 | 2093.9 | 1454.0 | 627.7 | 87.5 | 962.8 | 28 |
| | 25 | 13034. | 3623. | 0. | 0. | 60. | 0. | 6617.6 | 2099.0 | 1454.0 | 632.8 | 87.6 | 974.5 | 28 |
| | 26 | 21948. | 3623. | 0. | 0. | 60. | 0. | 6872.1 | 2107.4 | 1454.0 | 639.5 | 87.7 | 989.7 | 28 |
| JUL | 1 | 21047. | 4361. | 0. | 0. | 80. | 0. | 7103.9 | 2114.9 | 1454.0 | 647.2 | 87.8 | 1007.6 | 35 |
| | 28 | 17659. | 4361. | 0. | 0. | 80. | 0. | 7288.6 | 2120.8 | 1454.0 | 653.9 | 87.9 | 1023.3 | 35 |
| | 29 | 18920. | 4361. | 0. | 0. | 80. | 0. | 7490.8 | 2127.4 | 1454.0 | 660.0 | 88.0 | 1037.9 | 36 |
| | 30 | 18091. | 4361. | 0. | 0. | 80. | 0. | 7681.4 | 2133.6 | 1454.0 | 666.3 | 88.1 | 1052.7 | 36 |
| | 31 | 22224. | 6849. | 0. | 0. | 80. | 0. | 7895.0 | 2140.5 | 1454.8 | 672.0 | 88.2 | 1066.1 | 57 |
| AUG | 5 | 19233. | 8714. | 0. | 0. | 80. | 0. | 8041.1 | 2145.2 | 1455.5 | 677.0 | 88.2 | 1078.0 | 74 |
| | 33 | 14860. | 9189. | 0. | 0. | 84. | 0. | 8119.8 | 2147.8 | 1455.7 | 680.4 | 88.3 | 1086.1 | 78 |
| | 34 | 16794. | 8823. | 0. | 0. | 81. | 0. | 8230.5 | 2151.1 | 1455.6 | 683.5 | 88.3 | 1093.4 | 75 |
| | 35 | 11592. | 8641. | 1165. | 0. | 82. | 0. | 8255.3 | 2151.8 | 1455.9 | 685.1 | 88.2 | 1097.3 | 74 |
| SEP | 2 | 10004. | 8639. | 1468. | 0. | 102. | 0. | 8253.9 | 2151.8 | 1456.0 | 685.3 | 88.2 | 1097.8 | 74 |
| | 37 | 7960. | 8646. | 1848. | 0. | 102. | 0. | 8218.7 | 2150.8 | 1456.1 | 684.7 | 88.2 | 1096.4 | 74 |
| | 38 | 8109. | 6774. | 3. | 0. | 80. | 0. | 8237.2 | 2151.3 | 1454.8 | 685.8 | 88.2 | 1099.0 | 58 |
| | 39 | 5166. | 6774. | 0. | 0. | 80. | 0. | 8211.7 | 2150.6 | 1454.8 | 685.7 | 88.2 | 1098.8 | 60 |
| OCT | 1 | 5901. | 5780. | 0. | 0. | 80. | 0. | 8213.4 | 2150.7 | 1454.4 | 685.8 | 88.2 | 1098.9 | 49 |
| | 41 | 4925. | 5780. | 0. | 0. | 80. | 0. | 8201.5 | 2150.3 | 1454.4 | 685.7 | 88.2 | 1098.6 | 49 |
| | 42 | 4012. | 5780. | 0. | 0. | 80. | 0. | 8177.0 | 2149.6 | 1454.4 | 685.1 | 88.2 | 1097.4 | 49 |
| | 43 | 3412. | 5780. | 0. | 0. | 80. | 0. | 8144.1 | 2148.5 | 1454.4 | 684.2 | 88.2 | 1095.2 | 49 |
| | 44 | 3364. | 6377. | 0. | 0. | 80. | 0. | 8102.3 | 2147.2 | 1454.6 | 682.8 | 88.3 | 1091.8 | 54 |
| NOV | 5 | 3195. | 6825. | 0. | 0. | 80. | 0. | 8051.8 | 2145.6 | 1454.8 | 681.2 | 88.3 | 1087.9 | 58 |
| | 46 | 2907. | 6825. | 0. | 0. | 80. | 0. | 7997.4 | 2143.8 | 1454.8 | 679.5 | 88.3 | 1083.9 | 58 |

CONFIDENTIAL: PRIVILEGED ATTORNEY-CLIENT COMMUNICATION AND WORK PRODUCT PREPARED IN ANTI-SUIT ABUSE LITIGATION; RESTRICTED DISSEMINATION

| | | | | | | | | | | | | | | | |
|-----|----|-------|-------|-------|-----|-----|-----|--------|--------|--------|--------|-------|--------|--------|------|
| | 7 | 2571. | 6825. | 0. | 0. | 88. | 0. | 7938.4 | 2141.9 | 1454.8 | 677.7 | 88.3 | 187.7 | 58 | |
| | 48 | 2307. | 7866. | 0. | 0. | 88. | 0. | 7872.3 | 2139.7 | 1454.9 | 675.6 | 88.2 | 187.7 | 68 | |
| DEC | 3 | 49 | 2162. | 7668. | 0. | 0. | 88. | 7795.8 | 2137.3 | 1455.1 | 673.1 | 88.2 | 1868.8 | 64 | |
| | | 50 | 2018. | 7668. | 0. | 0. | 88. | 7717.3 | 2134.7 | 1455.1 | 670.7 | 88.2 | 1863.0 | 64 | |
| | | 51 | 1858. | 7668. | 0. | 0. | 88. | 7636.5 | 2132.1 | 1455.1 | 668.1 | 88.1 | 1857.0 | 64 | |
| | | 52 | 1658. | 7668. | 0. | 0. | 88. | 7553.1 | 2129.4 | 1455.1 | 665.5 | 88.1 | 1850.8 | 64 | |
| | | | 6808. | 5815. | 86. | 0. | 72. | 0. | 7117.8 | 2114.2 | 1454.5 | 649.6 | 87.8 | 1814.0 | 2488 |

**CONFIDENTIAL; PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION**

***** PRODUCTION SUMMARY, CALENDAR YEAR 1970 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| WATANA | RESERVOIR | 43.5 | 42.9 | 42.7 | 42.6 | 42.6 | 42.6 | 42.4 | 42.2 | 40.2 | 37.9 | 37.7 | 37.5 | 37.4 | |
| | | 37.1 | 36.9 | 36.6 | 36.2 | 42.8 | 39.5 | 29.5 | 29.8 | 29.4 | 28.1 | 28.4 | 28.6 | 28.9 | |
| | | 35.3 | 35.7 | 36.1 | 36.5 | 57.8 | 74.1 | 78.6 | 75.8 | 74.4 | 74.4 | 74.4 | 58.4 | 66.7 | |
| | | 49.8 | 49.8 | 49.8 | 49.7 | 54.7 | 58.4 | 58.3 | 58.1 | 60.0 | 64.8 | 64.6 | 64.3 | 64.0 | 248 |
| TOTAL ENERGY PRODUCTION | | 43.5 | 42.9 | 42.7 | 42.6 | 42.6 | 42.4 | 42.2 | 40.2 | 37.9 | 37.7 | 37.5 | 37.4 | | |
| | | 37.1 | 36.9 | 36.6 | 36.2 | 42.8 | 39.5 | 29.5 | 29.8 | 29.4 | 28.1 | 28.4 | 28.6 | 28.9 | |
| | | 35.3 | 35.7 | 36.1 | 36.5 | 57.8 | 74.1 | 78.6 | 75.8 | 74.4 | 74.4 | 74.4 | 58.4 | 66.7 | |
| | | 49.8 | 49.8 | 49.8 | 49.7 | 54.7 | 58.4 | 58.3 | 58.1 | 60.0 | 64.8 | 64.6 | 64.3 | 64.0 | 248 |
| SYSTEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 496 | |
| FIRM TARGET | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | | |
| | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 166 | |
| SECONDARY | | 2.0 | 1.4 | 1.2 | 1.1 | 4.4 | 4.4 | 4.3 | 4.1 | 10.3 | 8.0 | 7.8 | 7.6 | | |
| | | 5.6 | 5.4 | 5.1 | 4.6 | 12.9 | 9.6 | 0.0 | 0.0 | 7.9 | 6.5 | 6.8 | 7.0 | | |
| | | 7.1 | 7.5 | 7.9 | 8.2 | 29.6 | 45.9 | 50.4 | 47.6 | 49.5 | 49.5 | 49.5 | 33.5 | | |
| | | 13.3 | 13.3 | 13.2 | 13.2 | 14.9 | 18.6 | 18.5 | 18.3 | 23.5 | 28.3 | 28.0 | 27.8 | 82 | |
| SHORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WATANA | RESERVOIR | 998.3 | 993.6 | 988.9 | 984.1 | 978.9 | 973.1 | 967.4 | 961.7 | 956.3 | 951.2 | 946.1 | 941.0 | 935.9 |
| | | 930.9 | 926.0 | 921.3 | 916.8 | 911.6 | 908.8 | 914.2 | 924.9 | 936.9 | 950.2 | 962.8 | 974.5 | 989.7 |
| | | 1007.6 | 1023.3 | 1037.9 | 1052.7 | 1066.1 | 1078.0 | 1086.1 | 1093.4 | 1097.3 | 1097.8 | 1096.4 | 1099.0 | 1098.8 |
| | | 1098.9 | 1098.6 | 1097.4 | 1095.2 | 1091.8 | 1087.9 | 1083.9 | 1079.7 | 1074.7 | 1068.8 | 1063.0 | 1057.0 | 1050.8 |
| TOTAL CAPABILITY | | 998.3 | 993.6 | 988.9 | 984.1 | 978.9 | 973.1 | 967.4 | 961.7 | 956.3 | 951.2 | 946.1 | 941.0 | 935.9 |
| | | 930.9 | 926.0 | 921.3 | 916.8 | 911.6 | 908.8 | 914.2 | 924.9 | 936.9 | 950.2 | 962.8 | 974.5 | 989.7 |
| | | 1007.6 | 1023.3 | 1037.9 | 1052.7 | 1066.1 | 1078.0 | 1086.1 | 1093.4 | 1097.3 | 1097.8 | 1096.4 | 1099.0 | 1098.8 |
| | | 1098.9 | 1098.6 | 1097.4 | 1095.2 | 1091.8 | 1087.9 | 1083.9 | 1079.7 | 1074.7 | 1068.8 | 1063.0 | 1057.0 | 1050.8 |

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OF LITIGATION; RESTRICTED DISTRIBUTION

WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60X MIN.

CALENDAR YEAR BASIS

4960 GWH

OPERATION BY OPERATING GUIDE N-2

*****WATANA RESERVOIR, CALENDAR YEAR 1961*****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EQW RES CONTENT (1000 AF) | EQW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | EMER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN 1 | 1 | 2030. | 10815. | 0. | 0. | 120. | 0. | 8173.5 | 2149.5 | 1456.2 | 684.6 | 88.2 | 1096.0 | 93 |
| | 2 | 2018. | 10700. | 0. | 0. | 120. | 0. | 8052.9 | 2145.6 | 1456.2 | 681.0 | 88.3 | 1087.5 | 91 |
| | 3 | 2078. | 8917. | 0. | 0. | 100. | 0. | 7957.9 | 2142.5 | 1455.6 | 678.1 | 88.3 | 1080.7 | 76 |
| | 4 | 2102. | 8917. | 0. | 0. | 100. | 0. | 7863.3 | 2139.5 | 1455.6 | 675.1 | 88.2 | 1073.5 | 75 |
| | 5 | 1850. | 8954. | 0. | 0. | 100. | 0. | 7764.6 | 2136.3 | 1455.6 | 672.0 | 88.2 | 1066.2 | 75 |
| FEB 4 | 6 | 1514. | 9004. | 0. | 0. | 100. | 0. | 7660.6 | 2132.9 | 1455.6 | 668.8 | 88.1 | 1058.5 | 75 |
| | 7 | 1490. | 9004. | 0. | 0. | 100. | 0. | 7556.2 | 2129.5 | 1455.6 | 665.4 | 88.1 | 1050.7 | 75 |
| | 8 | 1430. | 9004. | 0. | 0. | 100. | 0. | 7451.1 | 2126.1 | 1455.6 | 662.1 | 88.0 | 1042.0 | 74 |
| | 9 | 1358. | 8603. | 0. | 0. | 100. | 0. | 7350.4 | 2122.8 | 1455.5 | 659.0 | 88.0 | 1035.4 | 71 |
| MAR 4 | 10 | 1261. | 8069. | 0. | 0. | 100. | 0. | 7255.9 | 2119.0 | 1455.3 | 656.0 | 87.9 | 1028.5 | 66 |
| | 11 | 1406. | 8069. | 0. | 0. | 100. | 0. | 7163.3 | 2116.8 | 1455.3 | 653.1 | 87.9 | 1021.5 | 66 |
| | 12 | 1766. | 8069. | 0. | 0. | 100. | 0. | 7075.8 | 2114.0 | 1455.3 | 650.2 | 87.9 | 1014.7 | 65 |
| | 13 | 1766. | 8069. | 0. | 0. | 100. | 0. | 6988.3 | 2111.1 | 1455.3 | 647.4 | 87.8 | 1008.1 | 65 |
| APR 1 | 14 | 2102. | 7227. | 0. | 0. | 100. | 0. | 6917.1 | 2108.8 | 1455.0 | 645.2 | 87.8 | 1002.9 | 58 |
| | 15 | 2102. | 7227. | 0. | 0. | 100. | 0. | 6845.9 | 2106.5 | 1455.0 | 642.9 | 87.8 | 997.7 | 58 |
| | 16 | 2318. | 7227. | 0. | 0. | 100. | 0. | 6777.7 | 2104.3 | 1455.0 | 640.7 | 87.7 | 992.6 | 57 |
| | 17 | 2355. | 7227. | 0. | 0. | 100. | 0. | 6710.1 | 2102.1 | 1455.0 | 638.5 | 87.7 | 987.6 | 57 |
| | 18 | 6079. | 6734. | 0. | 0. | 100. | 0. | 6701.0 | 2101.8 | 1454.8 | 637.5 | 87.7 | 985.2 | 53 |
| MAY 6 | 19 | 10692. | 6537. | 0. | 0. | 100. | 0. | 6758.7 | 2103.7 | 1454.7 | 638.3 | 87.7 | 987.1 | 52 |
| | 20 | 18500. | 6537. | 0. | 0. | 100. | 0. | 6924.8 | 2109.1 | 1454.7 | 641.9 | 87.7 | 995.3 | 52 |
| | 21 | 17623. | 6537. | 0. | 0. | 100. | 0. | 6708.8 | 2114.0 | 1454.7 | 647.0 | 87.8 | 1007.1 | 52 |
| | 22 | 16662. | 7673. | 0. | 0. | 120. | 0. | 7207.6 | 2118.1 | 1455.1 | 651.0 | 87.9 | 1016.6 | 62 |
| JUN 3 | 23 | 15953. | 7246. | 0. | 0. | 120. | 0. | 7320.6 | 2122.0 | 1455.0 | 655.1 | 87.9 | 1026.3 | 59 |
| | 24 | 26056. | 7246. | 0. | 0. | 120. | 0. | 7585.8 | 2130.5 | 1455.0 | 661.2 | 88.0 | 1040.7 | 60 |
| | 25 | 32555. | 7246. | 0. | 0. | 120. | 0. | 7937.3 | 2141.8 | 1455.0 | 671.0 | 88.2 | 1063.0 | 61 |
| | 26 | 27353. | 7246. | 0. | 0. | 120. | 0. | 8216.5 | 2150.8 | 1455.0 | 681.0 | 88.3 | 1087.4 | 62 |
| JUL 1 | 27 | 19341. | 7631. | 0. | 0. | 140. | 0. | 8379.2 | 2155.2 | 1455.1 | 687.4 | 88.2 | 1102.0 | 65 |
| | 28 | 20302. | 7631. | 0. | 0. | 140. | 0. | 8555.1 | 2160.0 | 1455.1 | 692.0 | 88.2 | 1113.7 | 66 |
| | 29 | 21023. | 7631. | 0. | 0. | 140. | 0. | 8741.1 | 2165.1 | 1455.1 | 696.8 | 88.1 | 1125.4 | 66 |
| | 30 | 21779. | 7631. | 0. | 0. | 140. | 0. | 8937.6 | 2170.5 | 1455.1 | 702.0 | 88.1 | 1137.0 | 67 |
| | 31 | 21563. | 9523. | 0. | 0. | 111. | 0. | 9104.8 | 2175.0 | 1455.8 | 706.2 | 88.0 | 1148.1 | 84 |
| AUG 5 | 32 | 21863. | 9466. | 0. | 0. | 87. | 0. | 9277.0 | 2179.8 | 1455.8 | 710.8 | 88.0 | 1159.3 | 84 |
| | 33 | 18668. | 9417. | 0. | 0. | 86. | 0. | 9485.5 | 2183.3 | 1455.8 | 714.0 | 88.0 | 1169.3 | 84 |
| | 34 | 17719. | 9397. | 0. | 3776. | 86. | 0. | 9468.6 | 2185.0 | 1456.8 | 716.4 | 87.9 | 1173.1 | 84 |
| | 35 | 13166. | 8282. | 0. | 4884. | 79. | 0. | 9468.6 | 2185.0 | 1456.8 | 717.3 | 87.9 | 1175.2 | 74 |
| SEP 2 | 36 | 10451. | 8275. | 0. | 2176. | 98. | 0. | 9468.6 | 2185.0 | 1456.1 | 718.0 | 87.9 | 1176.8 | 74 |
| | 37 | 11857. | 8279. | 0. | 3578. | 98. | 0. | 9468.6 | 2185.0 | 1456.5 | 717.6 | 87.9 | 1176.0 | 74 |
| | 38 | 11292. | 8278. | 0. | 3014. | 98. | 0. | 9468.6 | 2185.0 | 1456.3 | 717.7 | 87.9 | 1176.3 | 74 |
| | 39 | 12998. | 7247. | 0. | 5751. | 86. | 0. | 9468.6 | 2185.0 | 1456.7 | 717.3 | 87.9 | 1175.3 | 74 |
| OCT 1 | 40 | 8769. | 10115. | 0. | 0. | 140. | 0. | 9449.9 | 2184.5 | 1456.0 | 717.8 | 87.9 | 1176.4 | 90 |
| | 41 | 3868. | 8670. | 0. | 0. | 120. | 0. | 9383.2 | 2182.7 | 1455.5 | 717.2 | 87.9 | 1174.9 | 70 |
| | 42 | 3868. | 8670. | 0. | 0. | 120. | 0. | 9316.5 | 2180.8 | 1455.5 | 715.4 | 88.0 | 1170.5 | 77 |
| | 43 | 3868. | 8670. | 0. | 0. | 120. | 0. | 9249.8 | 2179.0 | 1455.5 | 713.6 | 88.0 | 1166.1 | 77 |
| | 44 | 2955. | 7971. | 0. | 0. | 100. | 0. | 9180.2 | 2177.1 | 1455.2 | 712.0 | 88.0 | 1162.2 | 71 |
| NOV 5 | 45 | 2270. | 8531. | 0. | 0. | 100. | 0. | 9093.2 | 2174.7 | 1455.4 | 709.7 | 88.0 | 1156.6 | 75 |
| | 46 | 2270. | 8531. | 0. | 0. | 100. | 0. | 9006.3 | 2172.4 | 1455.4 | 707.3 | 88.0 | 1150.8 | 75 |

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| | | | | | | | | | | | | | | |
|-------|----|-------|-------|----|------|------|----|--------|--------|--------|-------|------|--------|------|
| | 7 | 2270. | 8531. | 0. | 0. | 100. | 0. | 8919.3 | 2170.0 | 1455.4 | 705.0 | 88.1 | 1105.1 | 75 |
| | 48 | 2126. | 8832. | 0. | 0. | 100. | 0. | 8826.2 | 2167.4 | 1455.6 | 702.4 | 88.1 | 1109.9 | 77 |
| DEC 3 | 49 | 1766. | 9585. | 0. | 0. | 100. | 0. | 8717.6 | 2164.5 | 1455.8 | 699.4 | 88.1 | 1131.6 | 84 |
| | 50 | 1766. | 9585. | 0. | 0. | 100. | 0. | 8609.0 | 2161.5 | 1455.8 | 696.5 | 88.1 | 1124.6 | 83 |
| | 51 | 1766. | 9585. | 0. | 0. | 100. | 0. | 8500.4 | 2158.5 | 1455.8 | 693.6 | 88.2 | 1117.6 | 83 |
| | 52 | 1766. | 9585. | 0. | 0. | 100. | 0. | 8391.8 | 2155.5 | 1455.8 | 690.7 | 88.2 | 1110.6 | 83 |
| | | 8919. | 8340. | 0. | 446. | 106. | 0. | 8214.4 | 2148.6 | 1455.5 | 682.7 | 88.0 | 1092.1 | 3729 |

1961

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

683

N-2

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1961 *****

* ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ATANA | RESERVOIR | 93.0 | 91.6 | 76.0 | 75.6 | 75.6 | 75.6 | 75.2 | 74.7 | 71.0 | 66.3 | 66.0 | 65.6 | 65.3 | |
| | | 58.3 | 58.1 | 57.9 | 57.6 | 53.6 | 52.1 | 52.4 | 52.9 | 62.5 | 59.4 | 60.1 | 61.0 | 62.0 | |
| | | 65.9 | 66.3 | 66.7 | 67.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 90.9 | 77.9 | 77.7 | 77.5 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.8 | 83.5 | 83.1 | 373 |
| | | 93.0 | 91.6 | 76.0 | 75.6 | 75.6 | 75.6 | 75.2 | 74.7 | 71.0 | 66.3 | 66.0 | 65.6 | 65.3 | |
| TOTAL ENERGY PRODUCTION | | 58.3 | 58.1 | 57.9 | 57.6 | 53.6 | 52.1 | 52.4 | 52.9 | 62.5 | 59.4 | 60.1 | 61.0 | 62.0 | |
| | | 65.9 | 66.3 | 66.7 | 67.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 90.9 | 77.9 | 77.7 | 77.5 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.8 | 83.5 | 83.1 | 373 |
| | | 93.0 | 91.6 | 76.0 | 75.6 | 75.6 | 75.6 | 75.2 | 74.7 | 71.0 | 66.3 | 66.0 | 65.6 | 65.3 | |
| | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| SYSTEM ENERGY DEMAND | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 496 |
| | | 41.5 | 41.5 | 41.5 | 41.5 | 38.2 | 38.2 | 38.2 | 38.2 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | |
| | | 31.5 | 31.5 | 31.5 | 31.5 | 29.9 | 29.9 | 29.9 | 29.9 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | |
| FORM TARGET | | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 28.2 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | |
| | | 36.5 | 36.5 | 36.5 | 36.5 | 39.8 | 39.8 | 39.8 | 39.8 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 166 |
| | | 51.5 | 50.1 | 34.5 | 34.1 | 37.4 | 37.4 | 37.0 | 36.6 | 41.2 | 36.4 | 36.1 | 35.8 | 35.5 | |
| | | 26.8 | 26.5 | 26.3 | 26.1 | 23.7 | 22.2 | 22.6 | 23.0 | 40.9 | 37.9 | 38.5 | 39.5 | 40.5 | |
| | | 37.7 | 38.1 | 38.5 | 39.0 | 56.1 | 56.1 | 56.1 | 56.1 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | |
| SECONDARY | | 54.4 | 41.3 | 41.2 | 41.0 | 31.3 | 36.0 | 35.8 | 35.6 | 41.3 | 47.6 | 47.3 | 47.0 | 46.6 | 207 |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | | |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| ATANA | RESERVOIR | 1096.0 | 1087.5 | 1080.7 | 1073.5 | 1066.2 | 1058.5 | 1050.7 | 1042.8 | 1035.4 | 1028.5 | 1021.5 | 1014.7 | 1008.1 | |
| | | 1002.9 | 997.7 | 992.6 | 987.6 | 985.2 | 987.1 | 995.3 | 1007.1 | 1016.6 | 1026.3 | 1040.7 | 1063.8 | 1087.4 | |
| | | 1102.8 | 1113.7 | 1125.4 | 1137.8 | 1148.1 | 1159.3 | 1169.3 | 1173.1 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | | 1176.4 | 1174.9 | 1170.5 | 1166.1 | 1162.2 | 1156.6 | 1150.8 | 1145.1 | 1138.9 | 1131.6 | 1124.6 | 1117.6 | 1110.6 | |
| | | 1096.0 | 1087.5 | 1080.7 | 1073.5 | 1066.2 | 1058.5 | 1050.7 | 1042.8 | 1035.4 | 1028.5 | 1021.5 | 1014.7 | 1008.1 | |
| TOTAL CAPABILITY | | 1002.9 | 997.7 | 992.6 | 987.6 | 985.2 | 987.1 | 995.3 | 1007.1 | 1016.6 | 1026.3 | 1040.7 | 1063.8 | 1087.4 | |
| | | 1102.8 | 1113.7 | 1125.4 | 1137.8 | 1148.1 | 1159.3 | 1169.3 | 1173.1 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | | 1176.4 | 1174.9 | 1170.5 | 1166.1 | 1162.2 | 1156.6 | 1150.8 | 1145.1 | 1138.9 | 1131.6 | 1124.6 | 1117.6 | 1110.6 | |
| | | 1096.0 | 1087.5 | 1080.7 | 1073.5 | 1066.2 | 1058.5 | 1050.7 | 1042.8 | 1035.4 | 1028.5 | 1021.5 | 1014.7 | 1008.1 | |
| | | 1002.9 | 997.7 | 992.6 | 987.6 | 985.2 | 987.1 | 995.3 | 1007.1 | 1016.6 | 1026.3 | 1040.7 | 1063.8 | 1087.4 | |

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| | | | | | | | | | | | | | |
|----|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0 | 9012.4 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6882.6 | 6455.2 | 6455.2 | 6455.2 | 6455.2 |
| | 5781.6 | 5781.6 | 5781.6 | 5781.6 | 5632.0 | 5229.6 | 5229.6 | 5229.6 | 5115.5 | 4830.4 | 4830.4 | 4830.4 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9675.7 | 9632.4 | 9600.8 | 8459.5 | 8464.6 | 8472.9 | 8467.0 | 7418.5 |
| | 7225.0 | 5780.0 | 5780.0 | 5780.0 | 6377.0 | 6824.0 | 6824.0 | 6824.0 | 7065.7 | 7660.0 | 7660.0 | 7660.0 | 7660.0 |
| 1 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6882.6 | 6455.2 | 6455.2 | 6455.2 | 4882.0 |
| | 4877.0 | 4842.0 | 4756.0 | 4577.0 | 5021.0 | 3922.2 | 5229.6 | 5229.6 | 5115.5 | 4830.4 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9685.0 | 9658.7 | 9630.2 | 8452.9 | 8391.1 | 8345.2 | 6313.0 | 7250.1 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 9585.0 |
| 2 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 5286.0 | 5115.5 | 4830.4 | 4830.4 | 4830.4 | 6038.0 |
| | 5451.0 | 6541.2 | 6541.2 | 6541.2 | 9603.0 | 9524.5 | 9481.1 | 9458.6 | 8327.6 | 8302.0 | 8290.6 | 8280.5 | 7245.3 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 | 11502.0 |
| 3 | 10814.9 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 7245.6 | 7245.6 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9637.4 | 9588.0 | 9554.9 | 9529.5 | 8373.4 | 8342.1 | 8319.1 | 8297.6 | 7243.9 |
| | 8670.0 | 8670.0 | 8670.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 9585.0 |
| 4 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9658.9 | 9594.1 | 9543.8 | 9494.0 | 8328.3 | 8301.8 | 8290.6 | 8275.4 | 7232.4 |
| | 10115.0 | 8670.0 | 8670.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 9585.0 |
| 5 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 | 6038.0 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9569.5 | 9528.5 | 9489.7 | 9441.2 | 8325.1 | 8291.3 | 8281.7 | 8274.9 | 7237.3 |
| | 10115.0 | 8670.0 | 8670.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 9585.0 |
| 6 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 7245.6 | 7245.6 | 7513.0 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9416.3 | 9413.9 | 9412.7 | 9399.5 | 8287.0 | 8283.2 | 8297.4 | 8296.2 | 7247.0 |
| | 10115.0 | 8670.0 | 8670.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 10598.6 | 11502.0 | 11502.0 | 11502.0 | 11502.0 |
| 7 | 10814.9 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9604.9 | 9566.9 | 9529.1 | 9495.1 | 8342.5 | 8311.6 | 8289.1 | 8292.2 | 7259.5 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 | 11502.0 |
| 8 | 10814.9 | 10700.4 | 10700.4 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9536.2 | 9486.5 | 9458.3 | 8339.8 | 8349.1 | 8363.4 | 8368.0 | 7325.3 |
| | 7225.0 | 7225.0 | 7225.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 7668.0 |
| 9 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6882.6 | 6455.2 | 6455.2 | 6455.2 | 6455.2 |
| | 5781.6 | 5781.6 | 5781.6 | 5781.6 | 5546.0 | 5277.0 | 5229.6 | 5229.6 | 6394.4 | 7245.6 | 7245.6 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9598.0 | 9559.5 | 9520.3 | 9439.6 | 8306.4 | 8306.4 | 8280.6 | 8271.7 | 7240.1 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 10598.6 | 11502.0 | 11502.0 | 11502.0 | 11502.0 |
| 10 | 10814.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9726.9 | 9676.0 | 9632.9 | 8459.0 | 8429.1 | 8381.0 | 8330.5 | 7254.1 |
| | 8670.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 | 11502.0 |
| 11 | 10814.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 7673.3 | 7245.6 | 7245.6 | 7245.6 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9523.0 | 9466.3 | 9416.5 | 9397.1 | 8282.5 | 8275.3 | 8279.0 | 8277.6 | 7246.8 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9585.0 | 9585.0 | 9585.0 | 9585.0 |
| 12 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 7245.6 | 7506.2 | 7392.2 |
| | 7631.4 | 7631.4 | 7631.4 | 9487.3 | 9412.9 | 9405.2 | 9405.2 | 9405.2 | 8299.6 | 8300.0 | 8280.0 | 8274.5 | 7243.7 |

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 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN CONNECTION
 WITH LITIGATION; RESTRICTED DISTRIBUTION

CONFIDENTIAL; PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | |
|----|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 3 | 10814.9 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 803.3 | 8069.0 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 5229.6 | 5229.6 | 5115.5 | 6038.0 | 7245.6 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 7631.4 | 7631.4 | 9408.6 | 9410.6 | 9402.2 | 9405.4 | 8291.0 | 8281.3 | 8277.8 | 8270.7 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 4 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 5777.0 | 5507.0 | 5115.5 | 4830.4 | 6038.0 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9437.3 | 9406.5 | 9385.7 | 9387.4 | 8277.9 | 8276.0 | 8283.6 | 8281.9 |
| | 8670.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 5 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 6541.2 | 6541.2 | 9591.7 | 9553.7 | 9499.7 | 9444.0 | 8322.1 | 8310.5 | 8289.0 | 8287.7 |
| | 12145.0 | 10115.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 6 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9659.9 | 9603.5 | 9565.6 | 9528.1 | 8372.5 | 8361.3 | 8358.7 | 8346.9 |
| | 7225.0 | 7225.0 | 7225.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 7 | 9012.4 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6802.6 | 6455.2 | 6455.2 | 6455.2 |
| | 5781.6 | 5781.6 | 5781.6 | 5781.6 | 5723.0 | 5229.6 | 5229.6 | 5229.6 | 6394.4 | 7245.6 | 7245.6 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9475.7 | 9418.4 | 9431.0 | 9413.9 | 8293.4 | 8306.4 | 8285.8 | 8275.4 |
| | 10115.0 | 8670.0 | 8670.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 8 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 7245.6 | 7245.6 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9460.3 | 9422.0 | 9394.1 | 9384.1 | 8277.6 | 8276.2 | 8279.0 | 8277.6 |
| | 8670.0 | 7225.0 | 7225.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 9 | 9012.4 | 8917.0 | 8917.0 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6802.6 | 6455.2 | 6455.2 | 6455.2 |
| | 5781.6 | 5781.6 | 5781.6 | 5781.6 | 5459.0 | 5229.6 | 5229.6 | 5229.6 | 5115.5 | 4830.4 | 4830.4 | 4830.4 |
| | 4360.0 | 4360.0 | 4360.0 | 4360.0 | 6848.6 | 9727.0 | 9903.7 | 9942.0 | 8013.1 | 8051.0 | 8092.0 | 7388.0 |
| | 4373.0 | 4410.0 | 4403.0 | 4651.0 | 4782.8 | 5118.6 | 5118.6 | 5118.6 | 5299.3 | 5751.0 | 5751.0 | 5751.0 |
| 10 | 5407.5 | 5350.2 | 5350.2 | 5350.2 | 5372.6 | 5402.4 | 5402.4 | 5402.4 | 5162.0 | 4881.0 | 4879.0 | 4873.0 |
| | 4865.0 | 4851.0 | 4830.0 | 4793.0 | 5691.0 | 5266.0 | 3922.2 | 3922.2 | 3836.7 | 3622.0 | 3622.0 | 3622.0 |
| | 4360.0 | 4360.0 | 4360.0 | 4360.0 | 6848.6 | 8714.4 | 9189.0 | 8023.0 | 8641.3 | 8638.0 | 8645.7 | 6773.6 |
| | 5780.0 | 5780.0 | 5780.0 | 5780.0 | 6377.0 | 6824.8 | 6824.8 | 6824.8 | 7065.7 | 7668.0 | 7668.0 | 7668.0 |
| 11 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 5372.6 | 5402.4 | 5402.4 | 5402.4 | 5162.0 | 4849.0 | 4849.0 | 4849.0 |
| | 4847.0 | 4841.0 | 4827.0 | 4807.0 | 5768.0 | 5698.0 | 5555.0 | 5214.0 | 4614.0 | 3622.0 | 3622.0 | 4830.4 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9564.8 | 9443.1 | 9406.9 | 8290.9 | 8298.4 | 8280.1 | 8271.3 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 11502.0 | 11502.0 | 11502.0 |
| 12 | 10814.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 7673.3 | 7707.3 | 7509.8 | 7467.2 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9408.3 | 9399.4 | 9397.5 | 9399.2 | 8278.3 | 8277.0 | 8287.7 | 8277.2 |
| | 8670.0 | 8670.0 | 7225.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8032.1 | 9585.0 | 9585.0 | 9585.0 |
| 13 | 9012.4 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 5229.6 | 5229.6 | 5115.5 | 4830.4 | 4830.4 | 4830.4 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9738.0 | 9707.8 | 9676.1 | 8491.2 | 8472.5 | 8478.9 | 8467.0 |
| | 5780.0 | 5780.0 | 5780.0 | 5780.0 | 6377.0 | 6824.8 | 6824.8 | 6824.8 | 7065.7 | 7668.0 | 7668.0 | 7668.0 |
| 14 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6802.6 | 6455.2 | 6455.2 | 6455.2 |
| | 4889.0 | 4884.0 | 4860.0 | 4777.0 | 5591.0 | 4952.0 | 4045.0 | 3922.2 | 5115.5 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9788.4 | 9764.6 | 9755.0 | 8591.0 | 8571.1 | 8571.2 | 6773.6 |
| | 5780.0 | 5780.0 | 5780.0 | 5780.0 | 6377.0 | 6824.8 | 6824.8 | 6824.8 | 7065.7 | 7668.0 | 7668.0 | 7668.0 |
| 15 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6802.6 | 6455.2 | 6455.2 | 4841.4 |
| | 4777.0 | 4775.0 | 4754.0 | 4709.0 | 5548.0 | 4909.0 | 3922.2 | 3922.2 | 5115.5 | 6038.0 | 7245.6 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9469.1 | 9428.2 | 9398.0 | 9387.3 | 8279.2 | 8275.0 | 8291.6 | 8289.0 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 |

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 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN CONNECTION
 OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | |
|-----|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 76 | 9012.4 | 8917.0 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 882.6 | 6455.2 | 6455.2 | 6455.2 | 6455.2 |
| | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5307.3 | 5229.6 | 5229.6 | 6394.4 | 6038.0 | 6038.0 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9721.6 | 9667.8 | 9616.5 | 9589.4 | 8457.4 | 8469.5 | 8491.0 | 8467.0 |
| | 5700.0 | 5700.0 | 5700.0 | 5700.0 | 6377.0 | 6824.8 | 6824.8 | 6824.8 | 7065.7 | 7668.0 | 7668.0 | 7668.0 |
| 77 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 7203.2 | 7203.2 | 7203.2 | 6002.6 | 6455.2 | 6455.2 | 6455.2 |
| | 5701.6 | 5701.6 | 5701.6 | 5701.6 | 5607.0 | 5450.0 | 5229.6 | 5229.6 | 5115.5 | 6038.0 | 7245.6 | 7245.6 |
| | 7631.4 | 7631.4 | 7631.4 | 7631.4 | 9476.1 | 9435.3 | 9399.9 | 9395.5 | 8275.5 | 8278.3 | 8279.3 | 8279.0 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 |
| 78 | 10014.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 5451.0 | 5451.0 | 5451.0 | 8560.7 | 9778.1 | 9749.7 | 9730.2 | 8584.4 | 8500.7 | 8594.9 | 6931.0 |
| | 5700.0 | 5700.0 | 5700.0 | 5700.0 | 6377.0 | 6824.8 | 6824.8 | 6824.8 | 7065.7 | 7668.0 | 7668.0 | 7668.0 |
| 79 | 7209.9 | 7133.6 | 7133.6 | 7133.6 | 7163.4 | 5402.4 | 5402.4 | 5402.4 | 5162.0 | 4841.4 | 4841.4 | 4841.4 |
| | 4809.0 | 4800.0 | 4779.0 | 4723.0 | 5564.0 | 5182.0 | 4091.0 | 3922.2 | 5115.5 | 6038.0 | 6038.0 | 6038.0 |
| | 5451.0 | 6541.2 | 6541.2 | 6541.2 | 9552.0 | 9496.4 | 9453.1 | 9424.8 | 8300.3 | 8302.0 | 8312.0 | 8304.2 |
| | 8670.0 | 8670.0 | 8670.0 | 8670.0 | 7971.3 | 8531.0 | 8531.0 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 |
| 80 | 10014.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 |
| | 6541.2 | 6541.2 | 6541.2 | 7631.4 | 9473.6 | 9400.5 | 9400.8 | 9397.4 | 8279.8 | 8277.0 | 8201.0 | 8200.5 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 |
| 81 | 10014.9 | 8917.0 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 7245.6 | 7245.6 | 7245.6 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9510.6 | 9425.3 | 9413.9 | 9413.9 | 8303.1 | 8207.6 | 8279.9 | 8274.6 |
| | 10115.0 | 8670.0 | 8670.0 | 8670.0 | 9565.5 | 10237.2 | 10237.2 | 10237.2 | 10598.6 | 11502.0 | 11502.0 | 11502.0 |
| 82 | 10014.9 | 10700.4 | 8917.0 | 8917.0 | 8954.3 | 9004.0 | 9004.0 | 9004.0 | 8603.3 | 8069.0 | 8069.0 | 8069.0 |
| | 7227.0 | 7227.0 | 7227.0 | 7227.0 | 6734.1 | 6537.0 | 6537.0 | 6537.0 | 6394.4 | 6038.0 | 6038.0 | 6038.0 |
| | 6541.2 | 6541.2 | 6541.2 | 6541.2 | 9629.7 | 9594.8 | 9578.9 | 9572.9 | 8440.3 | 8433.4 | 8418.0 | 8375.6 |
| | 7225.0 | 8670.0 | 7225.0 | 7225.0 | 7971.3 | 8531.0 | 8531.0 | 8531.0 | 8832.1 | 9505.0 | 9505.0 | 9505.0 |
| AVG | 9121.7 | 8754.9 | 8376.6 | 8214.4 | 8194.5 | 8185.5 | 8185.5 | 8185.5 | 7821.2 | 7336.9 | 7336.8 | 7207.7 |
| | 6530.9 | 6520.8 | 6523.1 | 6510.4 | 6304.1 | 6025.0 | 5019.5 | 5754.3 | 5914.2 | 5942.2 | 6194.0 | 6418.6 |
| | 6343.0 | 6409.1 | 6475.1 | 6562.0 | 9135.8 | 9522.0 | 9512.2 | 9400.6 | 8377.1 | 8369.1 | 8365.1 | 8149.1 |
| | 0732.7 | 7927.9 | 7790.7 | 7504.9 | 7923.0 | 8479.3 | 8479.3 | 8531.0 | 8992.7 | 9017.4 | 9017.4 | 9017.4 |

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 WORK PRODUCT PREPARED IN CONNECTION
 WITH LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | |
|-----|------|-----|-----|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 178 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 179 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 181 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 182 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AVG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.0 | 0.0 | 0.0 | 53.6 | 526.6 | 1352.5 | 3278.8 | 3249.7 | 3719.8 | 2548.7 | 1984.8 | 1886.5 | 2310.1 |
| | 16.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**CONFIDENTIAL: PRIVILEGED-ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN PARTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION**

MINIMUM POST-PROJECT FLOWS AT GOLD CREEK

| | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. |
| 5000. | 5000. | 5000. | 5000. | 6000. | 6000. | 6000. | 6000. | 6000. | 6000. | 6000. | 6000. | 6000. | 6000. |
| 6000. | 6000. | 6000. | 6000. | 8140. | 12000. | 12000. | 12000. | 12000. | 12000. | 12000. | 12000. | 8140. | 6000. |
| 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. | 5000. |

NSD FORECAST, YEAR 1999 ANNUAL ENERGY DEMAND = 4960. GWH.

ENERGY GENERATION CRITERIA

SYSTEM ENERGY DEMAND, GWH

| | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 124. | 124. | 124. | 124. | 114. | 114. | 114. | 114. | 89. | 89. | 89. | 89. | 89. | 89. |
| 94. | 94. | 94. | 94. | 89. | 89. | 89. | 89. | 64. | 64. | 64. | 64. | 64. | 64. |
| 84. | 84. | 84. | 84. | 84. | 84. | 84. | 84. | 74. | 74. | 74. | 74. | 74. | 74. |
| 109. | 109. | 109. | 109. | 119. | 119. | 119. | 119. | 109. | 109. | 109. | 109. | 109. | 109. |

WEEKLY GENERATION FROM OTHER SOURCES, GWH

| | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

ADJUSTED SYSTEM ENERGY DEMAND, GWH

| | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 124. | 124. | 124. | 124. | 114. | 114. | 114. | 114. | 89. | 89. | 89. | 89. | 89. | 89. |
| 94. | 94. | 94. | 94. | 89. | 89. | 89. | 89. | 64. | 64. | 64. | 64. | 64. | 64. |
| 84. | 84. | 84. | 84. | 84. | 84. | 84. | 84. | 74. | 74. | 74. | 74. | 74. | 74. |
| 109. | 109. | 109. | 109. | 119. | 119. | 119. | 119. | 109. | 109. | 109. | 109. | 109. | 109. |

WEEKLY GENERATION, PERCENT OF ANNUAL

| | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.025 | 0.025 | 0.025 | 0.025 | 0.023 | 0.023 | 0.023 | 0.023 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 |
| 0.019 | 0.019 | 0.019 | 0.019 | 0.018 | 0.018 | 0.018 | 0.018 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.015 | 0.015 | 0.015 | 0.015 | 0.015 | 0.015 |
| 0.022 | 0.022 | 0.022 | 0.022 | 0.024 | 0.024 | 0.024 | 0.024 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |

CONFIDENTIAL; PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN CONNECTION
 WITH LITIGATION; RESTRICTED DISSEMINATION

| | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|
| 50 | 76.9 | 68.6 | 68.4 | 68.1 | 60.1 | 60.1 | 59.8 | 59.5 | 56.6 | 52.9 | 52.6 | 52.4 | 52.2 |
| | 46.6 | 46.4 | 46.2 | 46.8 | 44.7 | 41.5 | 41.6 | 41.8 | 41.2 | 39.2 | 39.4 | 39.8 | 50.3 |
| | 45.7 | 46.1 | 46.6 | 47.0 | 74.2 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.3 | 74.4 |
| | 63.3 | 58.6 | 58.6 | 58.5 | 55.6 | 59.3 | 59.2 | 59.0 | 68.9 | 65.8 | 65.5 | 65.2 | 64.9 |
| 51 | 60.8 | 59.8 | 59.6 | 59.3 | 59.2 | 59.3 | 59.0 | 58.7 | 55.8 | 52.1 | 51.9 | 51.7 | 39.0 |
| | 38.8 | 38.4 | 37.6 | 36.1 | 39.5 | 31.0 | 41.7 | 42.0 | 41.2 | 39.4 | 49.8 | 50.1 | 50.4 |
| | 45.9 | 46.3 | 46.8 | 47.1 | 74.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.9 | 77.7 | 77.5 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.7 | 83.4 | 83.1 |
| 52 | 77.8 | 76.7 | 76.4 | 76.0 | 75.9 | 75.8 | 75.4 | 74.9 | 71.2 | 66.4 | 66.1 | 65.7 | 65.3 |
| | 58.2 | 58.0 | 57.7 | 57.4 | 53.2 | 51.4 | 51.2 | 41.3 | 40.2 | 38.4 | 39.0 | 39.8 | 58.6 |
| | 46.4 | 56.2 | 56.5 | 57.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 78.0 | 77.9 | 77.8 | 85.6 | 91.3 | 91.8 | 90.7 | 93.5 | 101.0 | 100.5 | 100.0 | 99.4 |
| 53 | 93.1 | 76.4 | 76.0 | 75.6 | 75.4 | 75.4 | 74.9 | 74.5 | 70.7 | 66.0 | 65.6 | 65.3 | 64.9 |
| | 57.9 | 57.6 | 57.3 | 57.0 | 53.1 | 51.9 | 52.2 | 52.6 | 52.0 | 59.6 | 60.4 | 61.0 | 61.6 |
| | 56.1 | 56.4 | 56.7 | 57.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 77.9 | 77.8 | 77.7 | 64.6 | 71.1 | 75.9 | 75.6 | 75.4 | 77.7 | 84.0 | 83.7 | 83.3 | 83.0 |
| 54 | 77.7 | 76.6 | 76.2 | 75.8 | 75.7 | 75.6 | 75.2 | 74.7 | 71.0 | 66.2 | 65.9 | 65.5 | 65.1 |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.2 | 51.7 | 52.0 | 52.4 | 51.8 | 49.4 | 50.0 | 60.5 | 61.2 |
| | 55.9 | 56.3 | 56.6 | 56.8 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.8 | 77.8 | 77.6 | 64.6 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.8 | 83.5 | 83.1 |
| 55 | 77.9 | 76.8 | 76.5 | 76.1 | 76.0 | 76.0 | 75.5 | 75.1 | 71.4 | 66.6 | 66.2 | 65.9 | 65.5 |
| | 58.4 | 58.2 | 57.9 | 57.6 | 53.5 | 51.8 | 51.7 | 51.8 | 51.0 | 48.5 | 49.1 | 50.0 | 50.0 |
| | 55.9 | 56.6 | 57.0 | 57.4 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.8 | 77.6 | 64.6 | 71.0 | 75.8 | 75.5 | 75.3 | 77.6 | 83.9 | 83.5 | 83.2 | 82.0 |
| 56 | 77.6 | 76.4 | 76.0 | 75.5 | 75.4 | 75.4 | 74.9 | 74.5 | 70.7 | 66.0 | 65.6 | 65.3 | 64.9 |
| | 57.9 | 57.6 | 57.3 | 57.0 | 52.8 | 51.3 | 51.5 | 52.1 | 51.6 | 49.4 | 60.4 | 61.4 | 64.5 |
| | 66.1 | 66.7 | 67.3 | 67.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.8 | 77.7 | 64.6 | 71.2 | 75.9 | 75.7 | 75.5 | 93.4 | 100.9 | 100.4 | 99.9 | 99.4 |
| 57 | 93.0 | 76.4 | 76.0 | 75.6 | 75.5 | 75.5 | 75.1 | 74.6 | 70.9 | 66.2 | 65.8 | 65.5 | 65.1 |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.1 | 51.4 | 51.4 | 51.7 | 51.2 | 49.2 | 50.1 | 60.9 | 61.5 |
| | 56.0 | 56.4 | 56.8 | 57.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.9 | 77.9 | 77.8 | 85.6 | 91.3 | 91.8 | 90.7 | 93.6 | 101.1 | 100.7 | 100.3 | 99.8 |
| 58 | 93.4 | 92.0 | 91.6 | 75.9 | 75.8 | 75.8 | 75.4 | 74.9 | 71.2 | 66.4 | 66.1 | 65.7 | 65.4 |
| | 58.3 | 58.0 | 57.8 | 57.5 | 53.4 | 51.8 | 51.8 | 52.1 | 51.4 | 49.1 | 49.8 | 50.4 | 50.9 |
| | 46.4 | 46.8 | 47.1 | 47.4 | 75.0 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 64.2 | 64.1 | 64.0 | 63.9 | 70.3 | 75.0 | 74.7 | 74.5 | 76.8 | 83.0 | 82.6 | 82.3 | 65.6 |
| 59 | 61.4 | 60.5 | 60.3 | 60.0 | 60.0 | 60.1 | 59.8 | 59.5 | 56.6 | 52.9 | 52.7 | 52.5 | 52.2 |
| | 46.6 | 46.4 | 46.3 | 46.1 | 44.1 | 41.9 | 41.7 | 42.1 | 52.1 | 59.6 | 60.1 | 60.6 | 61.2 |
| | 55.9 | 56.4 | 56.8 | 57.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.9 | 77.8 | 77.6 | 71.2 | 76.0 | 75.8 | 75.5 | 93.4 | 100.9 | 100.4 | 99.9 | 99.4 |
| 60 | 93.1 | 91.6 | 76.0 | 75.6 | 75.5 | 75.5 | 75.1 | 74.6 | 70.9 | 66.2 | 65.8 | 65.5 | 65.1 |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.2 | 51.6 | 51.7 | 52.1 | 51.5 | 49.0 | 49.2 | 49.5 | 49.8 |
| | 45.3 | 45.7 | 46.0 | 46.5 | 73.7 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 78.0 | 78.0 | 77.9 | 77.7 | 85.5 | 91.2 | 90.8 | 90.5 | 93.3 | 100.8 | 100.3 | 99.9 | 99.4 |
| 61 | 93.0 | 91.6 | 76.0 | 75.6 | 75.6 | 75.6 | 75.2 | 74.7 | 71.0 | 66.3 | 66.0 | 65.6 | 65.3 |
| | 58.3 | 58.1 | 57.9 | 57.6 | 53.6 | 52.1 | 52.4 | 52.9 | 62.5 | 59.4 | 60.1 | 61.0 | 62.0 |
| | 65.9 | 66.3 | 66.7 | 67.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.9 | 77.7 | 77.5 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.8 | 83.5 | 83.1 |
| 62 | 77.9 | 76.8 | 76.5 | 76.1 | 76.0 | 76.0 | 75.6 | 75.2 | 71.4 | 65.7 | 66.3 | 66.0 | 65.7 |
| | 58.6 | 58.3 | 58.0 | 57.8 | 53.7 | 52.0 | 52.0 | 52.2 | 51.6 | 49.4 | 60.6 | 64.5 | 64.5 |
| | 67.2 | 67.7 | 68.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |

2984.1

3181.6

3683

363

360

359

374

370

3510.7

3449.5

3703.8

3729.5

CONFIDENTIAL: PRIVILEGED ATTORNEY-CLIENT COMMUNICATION AND ATTORNEY WORK PRODUCT PREPARED IN CONNECTION WITH LITIGATION; RESTRICTED DISTRIBUTION

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CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | | |
|-----|-------|------|------|------|------|------|------|------|------|-------|-------|-------|------|--------|
| 963 | 93.1 | 51.6 | 75.9 | 75.5 | 75.4 | 75.4 | 75.0 | 74.8 | 70.9 | 66.1 | 65.7 | 65.4 | 65.0 | |
| | 58.0 | 57.7 | 57.4 | 57.1 | 52.9 | 51.2 | 41.1 | 41.7 | 41.5 | 49.7 | 60.3 | 60.9 | 61.6 | |
| | 56.2 | 56.9 | 67.2 | 68.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.8 | 77.6 | 71.2 | 76.0 | 75.7 | 75.5 | 77.8 | 84.1 | 83.8 | 83.4 | 83.1 | 3653.1 |
| 964 | 77.8 | 76.7 | 76.3 | 75.9 | 75.8 | 75.7 | 75.3 | 74.8 | 71.1 | 66.3 | 65.9 | 65.6 | 65.2 | |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.0 | 51.2 | 45.1 | 42.8 | 40.1 | 39.1 | 50.6 | 62.1 | 64.5 | |
| | 66.8 | 67.2 | 67.7 | 68.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 77.8 | 77.8 | 77.7 | 77.5 | 71.1 | 75.9 | 75.6 | 75.4 | 77.8 | 84.1 | 83.7 | 83.4 | 83.0 | 3621.4 |
| 965 | 77.8 | 76.6 | 76.2 | 75.8 | 75.7 | 75.6 | 75.2 | 74.7 | 71.0 | 66.2 | 65.8 | 65.5 | 65.1 | |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.1 | 51.4 | 51.4 | 51.6 | 51.1 | 48.9 | 49.3 | 49.8 | 50.5 | |
| | 46.3 | 46.9 | 56.8 | 57.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 109.1 | 90.9 | 77.8 | 77.6 | 71.2 | 75.9 | 75.7 | 75.4 | 77.8 | 84.1 | 83.7 | 83.4 | 83.0 | 3610.6 |
| 966 | 77.8 | 76.6 | 76.3 | 75.9 | 75.8 | 75.7 | 75.3 | 74.9 | 71.1 | 66.4 | 66.0 | 65.7 | 65.4 | |
| | 58.3 | 58.0 | 57.8 | 57.5 | 53.4 | 51.7 | 51.6 | 51.7 | 50.9 | 48.9 | 50.0 | 60.8 | 61.5 | |
| | 56.8 | 56.3 | 56.5 | 56.8 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 64.5 | 64.4 | 64.3 | 64.2 | 70.6 | 75.2 | 75.0 | 74.7 | 77.0 | 83.3 | 82.9 | 82.6 | 82.2 | 3550.8 |
| 967 | 76.9 | 60.6 | 60.4 | 60.1 | 60.1 | 60.2 | 59.9 | 59.6 | 56.7 | 53.0 | 52.8 | 52.6 | 52.4 | |
| | 46.7 | 46.6 | 46.4 | 46.2 | 45.6 | 41.6 | 41.7 | 42.1 | 52.1 | 59.7 | 60.6 | 61.4 | 62.1 | |
| | 65.9 | 66.3 | 66.7 | 67.4 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.3 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.6 | 64.6 | 71.0 | 75.8 | 75.8 | 75.8 | 83.6 | 83.6 | 83.3 | 83.0 | 83.0 | 3413.6 |
| 968 | 77.0 | 76.6 | 76.3 | 75.9 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | |
| | 58.5 | 58.3 | 58.0 | 57.8 | 53.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | |
| | 66.2 | 66.8 | 67.3 | 67.7 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | |
| | 77.7 | 64.7 | 64.6 | 64.4 | 70.9 | 75.6 | 75.3 | 75.0 | 77.4 | 83.6 | 83.6 | 83.6 | 83.6 | |
| 969 | 77.2 | 76.0 | 75.5 | 60.1 | 60.1 | 60.1 | 59.9 | 59.6 | 56.7 | 52.9 | 52.7 | 52.5 | 52.2 | |
| | 46.6 | 46.4 | 46.3 | 46.1 | 43.4 | 41.6 | 41.6 | 41.9 | 41.3 | 39.1 | 39.3 | 39.6 | 39.9 | |
| | 36.2 | 36.5 | 36.8 | 37.0 | 58.3 | 82.9 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.7 | 50.4 | |
| | 36.5 | 36.8 | 37.3 | 38.7 | 39.7 | 42.3 | 42.2 | 42.1 | 43.4 | 46.9 | 46.7 | 46.6 | 46.4 | 2685.9 |
| 970 | 43.5 | 42.9 | 42.7 | 42.6 | 42.6 | 42.6 | 42.4 | 42.2 | 40.2 | 37.9 | 37.7 | 37.5 | 37.4 | |
| | 37.1 | 36.9 | 36.6 | 36.2 | 42.8 | 39.5 | 29.5 | 29.8 | 29.4 | 28.1 | 28.4 | 28.6 | 28.9 | |
| | 35.3 | 35.7 | 36.1 | 36.5 | 57.8 | 74.1 | 70.6 | 75.8 | 74.4 | 74.4 | 74.4 | 58.4 | 66.7 | |
| | 49.8 | 49.8 | 49.8 | 49.7 | 54.7 | 58.4 | 58.3 | 58.1 | 60.0 | 64.8 | 64.6 | 64.3 | 64.0 | 2488.5 |
| 971 | 59.9 | 59.1 | 58.8 | 58.5 | 44.0 | 44.1 | 43.9 | 43.8 | 41.7 | 39.0 | 38.9 | 38.8 | 38.7 | |
| | 38.5 | 38.4 | 38.1 | 37.8 | 45.2 | 44.5 | 43.2 | 40.5 | 35.9 | 28.4 | 29.0 | 39.5 | 40.2 | |
| | 46.1 | 46.6 | 47.1 | 47.4 | 74.8 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.7 | 77.5 | 71.1 | 75.9 | 75.7 | 75.5 | 77.9 | 100.9 | 100.4 | 100.0 | 99.5 | 3095.9 |
| 972 | 93.1 | 91.7 | 76.1 | 75.7 | 75.6 | 75.7 | 75.2 | 74.8 | 71.2 | 66.4 | 66.1 | 65.8 | 65.4 | |
| | 58.4 | 58.1 | 57.9 | 57.6 | 53.5 | 52.1 | 52.4 | 53.0 | 63.2 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | 67.0 | 67.5 | 67.9 | 68.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 77.9 | 77.7 | 64.7 | 64.6 | 71.1 | 75.8 | 75.6 | 75.3 | 77.7 | 84.0 | 83.6 | 83.3 | 82.9 | 3711.0 |
| 973 | 77.7 | 76.5 | 76.2 | 75.7 | 75.6 | 75.6 | 75.1 | 74.7 | 71.0 | 66.2 | 65.9 | 65.5 | 65.1 | |
| | 58.1 | 57.8 | 57.5 | 57.2 | 53.0 | 51.3 | 41.0 | 41.2 | 40.5 | 38.6 | 39.1 | 39.8 | 50.5 | |
| | 46.0 | 46.4 | 46.7 | 47.0 | 73.9 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.3 | 74.4 | |
| | 50.7 | 50.6 | 50.6 | 50.5 | 55.6 | 59.3 | 59.2 | 59.0 | 60.9 | 65.8 | 65.5 | 65.2 | 64.9 | 3209.1 |
| 974 | 60.7 | 59.8 | 59.5 | 59.3 | 59.2 | 59.3 | 59.0 | 58.7 | 55.8 | 52.1 | 51.9 | 51.7 | 39.0 | |
| | 38.9 | 38.7 | 38.4 | 37.6 | 43.8 | 38.0 | 31.0 | 31.2 | 41.3 | 49.3 | 49.6 | 49.9 | 50.2 | |
| | 45.6 | 45.9 | 46.3 | 46.7 | 73.5 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 58.9 | 67.4 | |
| | 50.4 | 50.4 | 50.3 | 50.2 | 55.3 | 59.0 | 58.0 | 58.7 | 60.5 | 65.4 | 65.1 | 64.8 | 64.5 | 2879.2 |
| 975 | 60.4 | 59.5 | 59.2 | 59.0 | 59.0 | 59.0 | 58.0 | 58.5 | 55.7 | 52.0 | 51.8 | 38.8 | 38.6 | |
| | 38.0 | 37.9 | 37.6 | 37.1 | 43.6 | 38.6 | 31.0 | 31.3 | 41.4 | 49.6 | 60.4 | 61.2 | 62.1 | |
| | 66.0 | 66.5 | 67.1 | 67.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.9 | 77.8 | 85.5 | 91.2 | 90.8 | 90.4 | 93.2 | 100.6 | 100.1 | 99.5 | 99.0 | 3431.4 |

CONFIDENTIAL: PRIVILEGED & ATTORNEY-CLIENT COMMUNICATION AND WORK PRODUCT PREPARED IN ANTI-DUMPING INVESTIGATION; RESTRICTED DISSEMINATION

| | | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|--------|
| '6 | 77.2 | 76.0 | 75.6 | 60.2 | 60.2 | 60.2 | 59.9 | 59.1 | 56.7 | 53.0 | 52.0 | 52.6 | 52.3 | |
| | 46.7 | 46.5 | 46.3 | 46.2 | 43.0 | 41.8 | 42.0 | 42.2 | 51.0 | 49.4 | 50.1 | 60.7 | 61.1 | |
| | 55.6 | 56.0 | 56.3 | 56.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 50.6 | 50.5 | 50.5 | 50.4 | 55.5 | 59.2 | 59.1 | 59.0 | 60.9 | 65.9 | 65.7 | 65.4 | 65.1 | 3115.3 |
| '7 | 61.0 | 60.1 | 59.9 | 59.6 | 59.6 | 59.7 | 59.4 | 59.2 | 56.3 | 52.6 | 52.4 | 52.2 | 52.0 | |
| | 46.4 | 46.3 | 46.1 | 46.0 | 45.0 | 43.0 | 41.4 | 41.6 | 41.2 | 49.4 | 60.5 | 61.7 | 64.5 | |
| | 66.4 | 66.0 | 67.2 | 67.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.8 | 77.7 | 85.5 | 91.2 | 90.9 | 90.6 | 93.4 | 100.9 | 100.4 | 100.0 | 99.5 | 3531.2 |
| '8 | 93.1 | 91.7 | 76.1 | 75.7 | 75.6 | 75.6 | 75.2 | 74.7 | 71.0 | 66.3 | 66.0 | 65.6 | 65.3 | |
| | 58.2 | 58.0 | 57.7 | 57.5 | 53.4 | 51.8 | 52.1 | 52.3 | 51.3 | 48.6 | 49.0 | 49.4 | 49.0 | |
| | 45.4 | 45.0 | 46.3 | 46.6 | 73.6 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 60.1 | 67.1 | |
| | 50.1 | 50.0 | 50.0 | 49.9 | 55.0 | 58.7 | 58.6 | 58.4 | 60.2 | 65.1 | 64.8 | 64.5 | 64.2 | 3271.5 |
| '9 | 60.1 | 59.2 | 58.9 | 58.7 | 58.7 | 44.1 | 44.0 | 43.8 | 41.0 | 39.0 | 38.9 | 38.0 | 38.7 | |
| | 38.3 | 38.2 | 37.9 | 37.3 | 43.8 | 40.7 | 32.2 | 31.2 | 41.2 | 49.3 | 49.0 | 50.3 | 50.0 | |
| | 46.4 | 56.2 | 56.8 | 57.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 77.8 | 77.8 | 77.7 | 77.6 | 71.2 | 76.0 | 75.9 | 90.7 | 93.6 | 101.1 | 100.6 | 100.1 | 99.6 | 3211.5 |
| 30 | 93.3 | 91.8 | 76.2 | 75.8 | 75.7 | 75.7 | 75.3 | 74.8 | 71.1 | 66.4 | 66.0 | 65.7 | 65.3 | |
| | 58.3 | 58.0 | 57.7 | 57.5 | 53.4 | 51.8 | 51.9 | 52.1 | 51.3 | 49.0 | 49.7 | 50.4 | 61.2 | |
| | 56.0 | 56.6 | 57.2 | 67.4 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.8 | 77.7 | 85.5 | 91.2 | 90.9 | 90.6 | 93.4 | 100.9 | 100.4 | 99.9 | 99.4 | 3798.6 |
| 31 | 93.0 | 76.4 | 76.0 | 75.6 | 75.6 | 75.6 | 75.2 | 74.8 | 71.1 | 66.3 | 66.0 | 65.7 | 65.3 | |
| | 58.3 | 58.0 | 57.8 | 57.5 | 53.5 | 52.1 | 52.5 | 52.8 | 52.0 | 59.4 | 59.7 | 60.0 | 60.5 | |
| | 55.0 | 55.7 | 56.7 | 57.4 | 84.3 | 84.3 | 84.0 | 84.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.7 | 77.7 | 85.5 | 91.2 | 90.9 | 90.6 | 93.4 | 100.9 | 100.4 | 99.3 | 99.4 | 3000.6 |
| 32 | 93.1 | 91.7 | 76.0 | 75.7 | 75.6 | 75.6 | 75.2 | 74.8 | 71.1 | 66.3 | 65.9 | 65.6 | 65.3 | |
| | 58.2 | 57.9 | 57.7 | 57.4 | 53.3 | 51.7 | 51.8 | 52.2 | 51.5 | 49.1 | 49.7 | 50.2 | 50.9 | |
| | 55.7 | 56.1 | 56.5 | 57.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 64.7 | 77.6 | 64.6 | 64.6 | 71.0 | 75.0 | 75.6 | 75.3 | 77.7 | 84.0 | 83.7 | 83.4 | 83.1 | 3579.1 |
| VG | 78.1 | 74.7 | 71.1 | 69.4 | 68.0 | 68.4 | 68.0 | 67.7 | 64.3 | 60.1 | 59.8 | 59.1 | 58.0 | |
| | 52.5 | 52.2 | 52.0 | 51.6 | 49.8 | 47.6 | 46.1 | 45.8 | 47.6 | 48.4 | 51.2 | 53.7 | 55.7 | |
| | 54.2 | 55.2 | 56.3 | 57.4 | 80.3 | 84.0 | 84.1 | 84.1 | 74.4 | 74.4 | 74.4 | 72.6 | 73.0 | |
| | 78.0 | 70.8 | 69.5 | 67.5 | 70.3 | 75.0 | 74.0 | 75.0 | 78.7 | 85.6 | 85.2 | 84.0 | 84.0 | 3445.2 |

CONFIDENTIAL: PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION. RESTRICTED DISTRIBUTION

ST-PROJECTS AT GOLD CREEK (CFS)

| | | | | | | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0 | 9173.4 | 7289.6 | 7290.6 | 7308.6 | 7338.4 | 7357.2 | 7312.2 | 7303.2 | 6995.6 | 6568.2 | 6561.2 | 6570.2 | 6582.2 |
| | 5904.6 | 5906.6 | 5916.6 | 5942.6 | 6000.0 | 6503.6 | 7404.6 | 7488.6 | 7965.5 | 7551.4 | 7466.4 | 8993.4 | 9116.0 |
| | 8626.0 | 8829.0 | 9144.0 | 9467.0 | 12553.7 | 13355.7 | 12998.4 | 12375.0 | 12000.0 | 12000.0 | 12000.0 | 9597.0 | 8561.5 |
| | 8061.0 | 6526.0 | 6430.0 | 6151.0 | 6611.0 | 7045.0 | 7031.0 | 7020.0 | 7251.7 | 7843.0 | 7843.0 | 7843.0 | 7843.0 |
| 1 | 7365.9 | 7286.6 | 7286.6 | 7286.6 | 7306.4 | 7333.2 | 7333.2 | 7333.2 | 7007.6 | 6573.2 | 6573.2 | 6573.2 | 5000.0 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6679.2 | 8295.6 | 6751.6 | 7767.5 | 9530.4 | 9427.0 | 8193.0 | 9072.0 |
| | 8749.0 | 9324.0 | 9156.0 | 8658.0 | 11970.7 | 12487.8 | 12635.7 | 12543.2 | 12525.9 | 13173.1 | 12000.0 | 11382.0 | 12163.3 |
| | 11584.0 | 9651.0 | 9384.0 | 9225.0 | 8528.3 | 9040.0 | 8909.0 | 8904.0 | 9100.1 | 9807.0 | 9807.0 | 9807.0 | 9807.0 |
| 2 | 9273.4 | 9172.0 | 9172.0 | 9172.0 | 9168.3 | 9163.0 | 9163.0 | 9163.0 | 8754.3 | 8209.0 | 8209.0 | 8209.0 | 8209.0 |
| | 7373.0 | 7373.0 | 7373.0 | 7373.0 | 6923.1 | 6778.0 | 6866.0 | 6000.0 | 8604.5 | 8778.4 | 10421.4 | 10894.4 | 11405.0 |
| | 9847.0 | 9664.2 | 10532.2 | 10866.2 | 15528.0 | 13512.5 | 12613.1 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 10035.5 | 12668.3 |
| | 11808.0 | 10323.0 | 9821.0 | 9508.0 | 10360.5 | 10914.2 | 10671.2 | 10769.2 | 10905.6 | 11772.0 | 11772.0 | 11772.0 | 11772.0 |
| 3 | 11003.9 | 9092.0 | 9092.0 | 9092.0 | 9110.3 | 9134.0 | 9134.0 | 9134.0 | 8733.3 | 8199.0 | 8199.0 | 8199.0 | 8199.0 |
| | 7375.0 | 7375.0 | 7466.0 | 7625.0 | 8982.1 | 9212.0 | 8971.0 | 10735.0 | 9694.4 | 12831.6 | 11559.6 | 10756.6 | 11355.6 |
| | 9760.2 | 9448.2 | 9702.2 | 9827.2 | 13717.4 | 13065.0 | 12340.9 | 12398.5 | 12000.0 | 12000.0 | 12000.0 | 10567.6 | 9220.9 |
| | 9962.0 | 9741.0 | 9456.0 | 7851.0 | 8353.3 | 8892.0 | 8865.0 | 8842.0 | 9116.1 | 9824.0 | 9824.0 | 9824.0 | 9824.0 |
| 4 | 9224.4 | 9124.0 | 9124.0 | 9124.0 | 9140.3 | 9163.0 | 9163.0 | 9163.0 | 8747.3 | 8193.0 | 8193.0 | 8193.0 | 8193.0 |
| | 7365.0 | 7365.0 | 7465.0 | 7482.0 | 7807.1 | 8492.0 | 9703.0 | 10166.0 | 9826.4 | 10000.0 | 9929.0 | 10977.6 | 11781.6 |
| | 10437.2 | 9648.2 | 9564.2 | 9564.2 | 14613.9 | 13412.1 | 13361.0 | 13312.0 | 12000.0 | 12000.0 | 12000.0 | 10352.4 | 9008.9 |
| | 11149.0 | 9642.0 | 9402.0 | 7957.0 | 8558.3 | 9008.0 | 8981.0 | 8929.0 | 9216.1 | 9935.0 | 9928.0 | 9807.0 | 9807.0 |
| 5 | 9328.4 | 9235.0 | 9189.0 | 9172.0 | 9195.3 | 9227.0 | 9227.0 | 9227.0 | 8805.3 | 8244.0 | 8244.0 | 8244.0 | 8244.0 |
| | 7418.0 | 7418.0 | 7418.0 | 7418.0 | 7300.1 | 7253.0 | 7373.0 | 9042.0 | 9167.4 | 9273.0 | 11311.0 | 11759.0 | 11395.0 |
| | 11900.2 | 11084.2 | 10048.2 | 10734.2 | 13167.5 | 12853.5 | 12901.7 | 13589.2 | 28914.3 | 19671.0 | 15029.0 | 12214.0 | 10993.0 |
| | 11266.0 | 9517.0 | 9361.0 | 7819.0 | 8367.3 | 8865.0 | 8838.0 | 8801.0 | 9085.1 | 9792.0 | 9792.0 | 9792.0 | 9792.0 |
| 6 | 9175.4 | 9073.0 | 9073.0 | 9073.0 | 9109.3 | 9158.0 | 9158.0 | 9158.0 | 8755.3 | 8219.0 | 8219.0 | 8219.0 | 8219.0 |
| | 7378.0 | 7378.0 | 7378.0 | 7378.0 | 7134.1 | 8351.0 | 9125.0 | 11687.0 | 9044.4 | 11361.0 | 14173.6 | 12331.6 | 11998.0 |
| | 12254.4 | 12672.4 | 12722.4 | 12600.4 | 17344.4 | 20771.0 | 26000.0 | 20729.0 | 17714.0 | 16000.0 | 22429.0 | 21857.0 | 16000.0 |
| | 11260.0 | 9815.0 | 9448.0 | 7941.0 | 8569.3 | 9040.0 | 9019.0 | 8992.0 | 11037.6 | 11884.0 | 11873.0 | 11884.0 | 11884.0 |
| 7 | 11009.9 | 9187.0 | 9187.0 | 9187.0 | 9218.3 | 9243.0 | 9243.0 | 9243.0 | 8021.3 | 8268.0 | 8268.0 | 8268.0 | 8268.0 |
| | 7418.0 | 7418.0 | 7418.0 | 7418.0 | 7277.1 | 7453.0 | 8032.0 | 9887.0 | 11312.4 | 11995.0 | 11302.0 | 11916.6 | 10443.6 |
| | 10234.2 | 9935.2 | 10345.2 | 10669.2 | 12938.9 | 12898.9 | 12843.1 | 12534.1 | 12000.0 | 12000.0 | 13743.1 | 20071.0 | 22029.0 |
| | 11759.0 | 10000.0 | 9820.0 | 9856.0 | 10429.5 | 10956.2 | 10853.2 | 10743.2 | 11169.6 | 12188.0 | 12007.0 | 11938.0 | 11857.0 |
| 8 | 11201.9 | 11039.4 | 10995.4 | 9196.0 | 9186.3 | 9234.0 | 9211.0 | 9195.0 | 8794.3 | 8260.0 | 8255.0 | 8244.0 | 8244.0 |
| | 7418.0 | 7441.0 | 7459.0 | 7508.0 | 7369.1 | 7791.0 | 8289.0 | 9873.0 | 9903.4 | 10493.0 | 10493.0 | 9879.0 | 9538.0 |
| | 8951.0 | 8951.0 | 8951.0 | 8883.0 | 14715.7 | 13916.2 | 12739.5 | 12094.3 | 12000.0 | 12000.0 | 12000.0 | 9418.0 | 8525.3 |
| | 8178.0 | 8063.0 | 8027.0 | 7782.0 | 8446.3 | 8945.0 | 8883.0 | 8801.0 | 9076.1 | 9760.0 | 9778.0 | 9887.0 | 7970.0 |
| 9 | 7457.9 | 7372.6 | 7361.6 | 7356.6 | 7386.4 | 7426.2 | 7417.2 | 7394.2 | 7058.6 | 6611.2 | 6611.2 | 6611.2 | 6611.2 |
| | 5940.6 | 5940.6 | 6009.6 | 6020.6 | 6000.0 | 6000.0 | 8315.6 | 9602.6 | 9947.4 | 11387.6 | 10338.6 | 10931.6 | 11371.6 |
| | 10741.2 | 10573.2 | 10909.2 | 9991.2 | 13398.0 | 12573.5 | 13324.3 | 17833.7 | 43171.0 | 28700.0 | 14829.0 | 11137.0 | 12007.0 |
| | 11819.0 | 9847.0 | 9317.0 | 9479.0 | 8526.3 | 9008.0 | 8987.0 | 8961.0 | 11005.6 | 11052.0 | 11052.0 | 11052.0 | 11052.0 |
| 0 | 11137.9 | 11018.4 | 9201.0 | 9187.0 | 9218.3 | 9243.0 | 9238.0 | 9227.0 | 8819.3 | 8276.0 | 8267.0 | 8244.0 | 8244.0 |
| | 7402.0 | 7402.0 | 7457.0 | 7466.0 | 7666.1 | 7746.0 | 8874.0 | 10173.0 | 10250.4 | 8322.0 | 8407.0 | 8490.0 | 8734.0 |
| | 9099.0 | 8156.0 | 8562.0 | 9717.0 | 13658.7 | 13772.9 | 13251.0 | 13086.9 | 12000.0 | 12000.0 | 12986.0 | 11593.5 | 10047.1 |
| | 10664.0 | 10118.0 | 9699.0 | 9420.0 | 10136.5 | 10762.2 | 10721.2 | 10667.2 | 11037.6 | 11963.0 | 11954.0 | 11900.0 | 11900.0 |
| 1 | 11198.9 | 11082.4 | 9310.0 | 9315.0 | 9304.3 | 9290.0 | 9205.0 | 9274.0 | 8059.3 | 8300.0 | 8334.0 | 8403.0 | 8403.0 |
| | 7625.0 | 7625.0 | 7666.0 | 7672.0 | 7884.1 | 8559.0 | 10037.0 | 9871.0 | 10825.3 | 10263.6 | 12175.6 | 13404.6 | 12421.6 |
| | 11290.4 | 11472.4 | 11608.4 | 11752.4 | 13603.0 | 13603.3 | 12948.5 | 16524.6 | 15657.0 | 12429.0 | 14100.0 | 13429.0 | 15457.0 |
| | 11775.0 | 9402.0 | 9402.0 | 9402.0 | 8530.3 | 8961.0 | 8961.0 | 8961.0 | 9235.1 | 9919.0 | 9919.0 | 9919.0 | 9919.0 |
| 2 | 9319.4 | 9219.0 | 9219.0 | 9219.0 | 9229.3 | 9243.0 | 9243.0 | 9243.0 | 8835.3 | 8292.0 | 8292.0 | 8292.0 | 8292.0 |
| | 7497.0 | 7497.0 | 7497.0 | 7497.0 | 7323.1 | 7253.0 | 8480.0 | 9401.0 | 10923.4 | 10857.0 | 16591.6 | 15498.2 | 13049.2 |
| | 11050.4 | 11054.4 | 11711.4 | 15500.0 | 26057.0 | 23000.0 | 23000.0 | 23000.0 | 23429.0 | 23571.0 | 14886.0 | 12057.0 | 13871.0 |

CONFIDENTIAL: PRIVILEGED ATTORNEY-CLIENT COMMUNICATION AND ATTORNEY WORK PRODUCT PREPARED IN PARTICIPATION OF LITIGATION; RESTRICTED DISTRIBUTION

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CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3 | 11077.9 | 16000.4 | 9172.0 | 9172.0 | 9202.3 | 9243.0 | 9243.0 | 9243.0 | 9243.0 | 9008.3 | 8228.0 | 8228.0 | 8228.0 | 8228.0 |
| | 7359.0 | 7359.0 | 7359.0 | 7359.0 | 7158.1 | 7078.0 | 8279.6 | 10161.6 | 10793.5 | 10175.0 | 11302.6 | 11302.6 | 11302.6 | 11302.6 |
| | 11496.2 | 12946.2 | 13700.4 | 12813.4 | 15703.4 | 25143.0 | 21814.0 | 23071.0 | 19543.0 | 15143.0 | 13543.0 | 10829.0 | 10979.0 | 10979.0 |
| | 11530.0 | 9861.0 | 9645.0 | 9409.0 | 8430.3 | 8945.0 | 8097.0 | 8033.0 | 9125.1 | 9055.0 | 9846.0 | 9792.0 | 9792.0 | 9792.0 |
| 4 | 9192.4 | 9092.0 | 9081.0 | 9076.0 | 9113.3 | 9163.0 | 9160.0 | 9152.0 | 8740.3 | 8191.0 | 8187.0 | 8174.0 | 8174.0 | 8174.0 |
| | 7340.0 | 7340.0 | 7349.0 | 7351.0 | 6072.1 | 6703.0 | 6000.0 | 6000.0 | 9727.5 | 16767.4 | 14237.0 | 14086.6 | 12376.5 | 12376.5 |
| | 11667.4 | 11790.4 | 11556.4 | 10325.4 | 12580.3 | 12386.5 | 12000.0 | 15403.0 | 13600.0 | 12000.0 | 12000.0 | 9761.9 | 8692.1 | 8692.1 |
| | 9891.0 | 10036.0 | 9565.0 | 9382.0 | 8461.3 | 8982.0 | 8977.0 | 9029.0 | 9155.1 | 9803.0 | 9779.0 | 9762.0 | 9762.0 | 9762.0 |
| 5 | 9160.4 | 9070.0 | 9070.0 | 9070.0 | 9100.3 | 9141.0 | 9141.0 | 9141.0 | 8742.3 | 8212.0 | 8212.0 | 8212.0 | 8212.0 | 8212.0 |
| | 7415.0 | 7415.0 | 7464.0 | 7472.0 | 7054.1 | 7394.0 | 8028.0 | 9224.0 | 11747.4 | 9533.0 | 9772.0 | 9607.0 | 11290.0 | 11290.0 |
| | 10201.0 | 10321.0 | 11077.2 | 10476.2 | 13120.7 | 12682.7 | 14334.7 | 12685.8 | 12000.0 | 12000.0 | 13371.6 | 10943.0 | 25043.0 | 25043.0 |
| | 15086.0 | 11449.0 | 9295.0 | 9187.0 | 8410.3 | 8891.0 | 8849.0 | 8834.0 | 9123.1 | 9857.0 | 9840.0 | 9838.0 | 9828.0 | 9828.0 |
| 6 | 9238.4 | 9140.0 | 9140.0 | 9140.0 | 9170.3 | 9211.0 | 9211.0 | 9211.0 | 8810.3 | 8276.0 | 8276.0 | 8276.0 | 8276.0 | 8276.0 |
| | 7466.0 | 7466.0 | 7540.0 | 7553.0 | 7213.1 | 7155.0 | 7682.0 | 8733.0 | 9839.4 | 13625.0 | 11468.0 | 11832.6 | 11116.6 | 11116.6 |
| | 9507.2 | 9366.2 | 9498.2 | 9087.2 | 14116.9 | 13248.5 | 12563.6 | 13160.1 | 12000.0 | 12000.0 | 12000.0 | 10314.9 | 8934.5 | 8934.5 |
| | 8337.0 | 7971.0 | 7709.0 | 7607.0 | 8246.3 | 8786.0 | 8786.0 | 8786.0 | 9082.1 | 9824.0 | 9824.0 | 9824.0 | 9824.0 | 9824.0 |
| 7 | 9251.4 | 7372.6 | 7372.6 | 7372.6 | 7395.4 | 7426.2 | 7426.2 | 7426.2 | 7091.6 | 6646.2 | 6646.2 | 6646.2 | 6646.2 | 6646.2 |
| | 5956.6 | 5956.6 | 5961.6 | 5988.6 | 6000.0 | 6013.6 | 7956.6 | 9045.6 | 10981.4 | 11472.6 | 12784.6 | 11861.6 | 11761.6 | 11761.6 |
| | 11061.4 | 11047.4 | 12301.4 | 13160.4 | 13707.7 | 13402.4 | 51111.9 | 30600.0 | 20614.0 | 29071.0 | 17157.0 | 12471.0 | 10031.0 | 10031.0 |
| | 11205.0 | 9577.0 | 9380.0 | 7766.0 | 8425.3 | 8918.0 | 8897.0 | 8803.0 | 9177.1 | 9919.0 | 9919.0 | 9905.0 | 9903.0 | 9903.0 |
| 8 | 9330.4 | 9235.0 | 9235.0 | 9230.0 | 9256.3 | 9306.0 | 9306.0 | 9306.0 | 8905.3 | 8371.0 | 8371.0 | 8371.0 | 8371.0 | 8371.0 |
| | 7524.0 | 7513.0 | 7527.0 | 7547.0 | 7091.1 | 7005.0 | 8619.0 | 11921.0 | 10776.4 | 11454.6 | 13105.6 | 13106.6 | 11016.2 | 11016.2 |
| | 12313.4 | 11093.4 | 11745.4 | 11606.4 | 12994.3 | 12627.0 | 12060.1 | 13234.0 | 13429.0 | 12000.0 | 12000.0 | 9424.6 | 8251.1 | 8251.1 |
| | 9475.0 | 7920.0 | 7761.0 | 7700.0 | 8376.3 | 8844.0 | 8770.0 | 8740.0 | 9005.1 | 9736.0 | 9720.0 | 9720.0 | 9713.0 | 9713.0 |
| 9 | 9134.4 | 9036.0 | 9020.0 | 7244.6 | 7274.4 | 7314.2 | 7316.2 | 7322.2 | 7001.6 | 6579.2 | 6502.2 | 6509.2 | 6593.2 | 6593.2 |
| | 5933.6 | 5961.6 | 6015.6 | 6113.6 | 6000.0 | 6186.6 | 7040.6 | 8420.6 | 7035.5 | 6866.4 | 7425.4 | 7673.4 | 7412.4 | 7412.4 |
| | 6576.0 | 7165.0 | 7242.0 | 6769.0 | 8978.6 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8140.0 | 6000.0 | 6000.0 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 5054.0 | 5346.6 | 5298.6 | 5277.6 | 5448.3 | 5894.0 | 5807.0 | 5806.0 | 5806.0 | 5806.0 |
| 10 | 5542.5 | 5485.2 | 5479.2 | 5477.2 | 5499.6 | 5529.4 | 5521.4 | 5521.4 | 5281.0 | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 5000.0 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6522.2 | 6270.2 | 6721.7 | 6322.8 | 6226.0 | 6088.0 | 7774.0 | 7774.0 |
| | 8342.0 | 7701.0 | 7940.0 | 7703.0 | 11053.6 | 12352.4 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8307.6 | 7750.6 | 7750.6 |
| | 6896.0 | 6712.0 | 6539.0 | 6425.0 | 7013.0 | 7429.0 | 7374.0 | 7310.0 | 7501.7 | 8077.0 | 8050.0 | 8010.0 | 7901.0 | 7901.0 |
| 11 | 7406.9 | 7301.6 | 7358.6 | 7331.6 | 5556.6 | 5577.4 | 5561.4 | 5561.4 | 5310.0 | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 5000.0 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 7258.0 | 11129.8 | 9309.4 | 11120.4 | 11120.4 |
| | 9344.0 | 9413.0 | 10017.0 | 8421.0 | 12435.7 | 16683.8 | 15007.1 | 21639.0 | 19471.0 | 22857.0 | 14506.0 | 11029.0 | 10939.0 | 10939.0 |
| | 11347.0 | 9774.0 | 9500.0 | 9361.0 | 8544.3 | 9049.0 | 9022.0 | 8994.0 | 9272.1 | 11916.0 | 11916.0 | 11884.0 | 11884.0 | 11884.0 |
| 12 | 11196.9 | 11050.4 | 9267.0 | 9267.0 | 9304.3 | 9336.0 | 9322.0 | 9322.0 | 8907.3 | 8369.0 | 8355.0 | 8355.0 | 8350.0 | 8350.0 |
| | 7497.0 | 7497.0 | 7486.0 | 7497.0 | 7273.1 | 9650.0 | 9606.0 | 10015.0 | 14712.3 | 11600.3 | 14503.0 | 13522.2 | 11407.2 | 11407.2 |
| | 11667.4 | 11665.4 | 11227.4 | 10563.4 | 12629.3 | 18148.0 | 19929.0 | 20600.0 | 13706.0 | 13106.0 | 10029.0 | 13206.0 | 8324.4 | 8324.4 |
| | 9432.0 | 9375.0 | 8202.0 | 7950.0 | 8466.3 | 8936.0 | 8876.0 | 8849.0 | 9109.1 | 9840.0 | 9813.0 | 9800.0 | 9800.0 | 9800.0 |
| 13 | 9200.4 | 9100.0 | 9100.0 | 9100.0 | 9145.3 | 9195.0 | 9195.0 | 9195.0 | 8700.3 | 8220.0 | 8220.0 | 8220.0 | 8220.0 | 8220.0 |
| | 7386.0 | 7386.0 | 7386.0 | 7395.0 | 6957.1 | 6965.0 | 6693.6 | 7245.6 | 7615.5 | 8046.4 | 10192.4 | 10620.4 | 9847.0 | 9847.0 |
| | 8001.0 | 8654.0 | 7874.0 | 8065.0 | 11369.7 | 13084.0 | 12373.0 | 13144.1 | 12177.2 | 12000.0 | 12000.0 | 9668.0 | 8540.0 | 8540.0 |
| | 6677.0 | 6502.0 | 6270.0 | 6157.0 | 6681.0 | 7005.0 | 7065.0 | 7045.0 | 7267.7 | 7850.0 | 7032.0 | 7024.0 | 7019.0 | 7019.0 |
| 14 | 7353.9 | 7276.6 | 7270.6 | 7260.6 | 7295.4 | 7330.2 | 7320.2 | 7322.2 | 7001.6 | 6574.2 | 6572.2 | 6566.2 | 5000.0 | 5000.0 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 8206.2 | 10104.5 | 9149.0 | 8695.0 | 8522.0 | 8690.0 | 8690.0 |
| | 8147.0 | 8001.0 | 8524.0 | 8405.0 | 11370.7 | 12761.4 | 12300.6 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8271.6 | 9025.6 | 9025.6 |
| | 6656.0 | 6650.0 | 6243.0 | 6009.0 | 6647.0 | 7094.0 | 7094.0 | 7094.0 | 7333.7 | 7923.0 | 7923.0 | 7923.0 | 7923.0 | 7923.0 |
| 15 | 7462.9 | 7372.6 | 7372.6 | 7372.6 | 7402.4 | 7442.2 | 7442.2 | 7433.2 | 7105.6 | 6678.2 | 6678.2 | 5064.4 | 5064.4 | 5064.4 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6319.2 | 7506.2 | 9960.5 | 11029.0 | 11595.6 | 12711.6 | 12131.6 | 12131.6 |
| | 12006.4 | 12300.4 | 12140.4 | 11757.4 | 13319.1 | 12520.2 | 12359.0 | 14439.5 | 14157.0 | 12000.0 | 19629.0 | 10629.0 | 17943.0 | 17943.0 |
| | 11752.0 | 10113.0 | 9999.0 | 9454.0 | 10111.5 | 10620.2 | 10534.2 | 10474.2 | 10000.6 | 11604.0 | 11677.0 | 11670.0 | 11661.0 | 11661.0 |

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| | | | | | | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 6 | 9171.4 | 9070.0 | 9070.0 | 7284.6 | 7314.4 | 7354.2 | 7354.2 | 7354.2 | 730.6 | 6598.2 | 6598.2 | 6598.2 | 6598.2 |
| | 5924.6 | 5971.6 | 5967.6 | 6092.6 | 6176.3 | 7447.6 | 7361.6 | 7458.6 | 960.4 | 10445.0 | 10786.0 | 10588.6 | 10475.6 |
| | 9617.2 | 9610.2 | 9466.2 | 9541.2 | 13175.6 | 14076.8 | 12888.5 | 12103.4 | 12000.0 | 12000.0 | 12000.0 | 9480.0 | 8674.8 |
| | 6548.0 | 6407.0 | 6378.0 | 6311.0 | 6845.0 | 7255.8 | 7229.8 | 7206.8 | 7524.7 | 8099.0 | 8059.0 | 8027.0 | 8000.0 |
| 7 | 7520.9 | 7435.6 | 7419.6 | 7412.6 | 7433.4 | 7462.2 | 7458.2 | 7458.2 | 7130.6 | 6694.2 | 6694.2 | 6694.2 | 6694.2 |
| | 6036.6 | 6036.6 | 6049.6 | 6062.6 | 6000.0 | 6000.0 | 7220.6 | 8284.6 | 9761.5 | 11600.0 | 14611.6 | 13282.6 | 12854.8 |
| | 11085.4 | 11472.4 | 11690.4 | 11089.4 | 13022.1 | 12829.3 | 12503.9 | 17715.3 | 12514.0 | 12000.0 | 13034.0 | 14071.0 | 13534.0 |
| | 11520.0 | 10095.0 | 9922.0 | 9604.0 | 10279.5 | 10846.2 | 10786.2 | 10746.2 | 11069.6 | 11941.0 | 11922.0 | 11909.0 | 11878.0 |
| 8 | 11170.9 | 11035.4 | 9235.0 | 9222.0 | 9241.3 | 9274.0 | 9266.0 | 9266.0 | 8858.3 | 8324.0 | 8324.0 | 8324.0 | 8327.0 |
| | 7489.0 | 7489.0 | 7489.0 | 7504.0 | 7314.1 | 8535.0 | 9264.0 | 8383.0 | 8362.4 | 8486.0 | 9438.0 | 8948.0 | 9663.0 |
| | 9001.0 | 8749.0 | 8785.0 | 8722.0 | 11776.7 | 12819.1 | 12576.7 | 12090.2 | 12000.0 | 12000.0 | 12000.0 | 8140.0 | 7804.6 |
| | 6642.0 | 6746.0 | 6559.0 | 6366.0 | 6946.0 | 7322.8 | 7197.8 | 7151.8 | 7378.7 | 7970.0 | 7943.0 | 7916.0 | 7907.0 |
| 9 | 7441.9 | 7356.6 | 7356.6 | 7356.6 | 7370.4 | 5609.4 | 5609.4 | 5609.4 | 5353.0 | 5032.4 | 5032.4 | 5032.4 | 5032.4 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6968.2 | 10153.5 | 10411.0 | 9700.0 | 9352.0 | 10138.0 |
| | 9646.0 | 10691.2 | 11593.2 | 11705.2 | 13770.8 | 13442.4 | 12640.1 | 12138.0 | 12000.0 | 12000.0 | 12000.0 | 10459.2 | 9200.1 |
| | 9925.0 | 10263.0 | 9789.0 | 9497.0 | 8746.3 | 9235.0 | 9315.0 | 10799.2 | 11132.6 | 11938.0 | 11895.0 | 11861.0 | 11627.0 |
| 0 | 11118.9 | 10991.4 | 9192.0 | 9178.0 | 9209.3 | 9248.0 | 9236.0 | 9227.0 | 8826.3 | 8292.0 | 8292.0 | 8292.0 | 8292.0 |
| | 7450.0 | 7450.0 | 7461.0 | 7545.0 | 7393.1 | 8082.0 | 8750.0 | 8517.0 | 9551.4 | 11152.0 | 10068.0 | 11256.0 | 11797.6 |
| | 11528.2 | 11600.2 | 11800.2 | 12427.4 | 14725.6 | 13099.5 | 19569.6 | 19886.0 | 14457.0 | 12000.0 | 12000.0 | 16874.0 | 14186.0 |
| | 11682.0 | 10067.0 | 9832.0 | 9628.0 | 10306.5 | 10907.2 | 10737.2 | 10746.2 | 11107.6 | 11870.0 | 11786.0 | 11769.0 | 11758.0 |
| 1 | 11064.9 | 9208.0 | 9256.0 | 9203.0 | 9325.3 | 9388.0 | 9324.0 | 9259.0 | 8842.3 | 8300.0 | 8324.0 | 8328.0 | 8331.0 |
| | 7497.0 | 7508.0 | 7527.0 | 7616.0 | 7629.1 | 9783.0 | 9797.0 | 8685.0 | 9885.4 | 10209.6 | 9936.6 | 10141.6 | 10627.6 |
| | 9378.2 | 13237.2 | 13087.2 | 12380.2 | 15651.6 | 18070.5 | 46729.0 | 37029.0 | 24971.0 | 17986.0 | 14500.0 | 12100.0 | 11256.0 |
| | 11331.0 | 9816.0 | 9847.0 | 10035.0 | 10299.5 | 10864.2 | 10851.2 | 10753.2 | 11048.6 | 11904.0 | 11881.0 | 11868.0 | 11868.0 |
| 2 | 11180.9 | 11066.4 | 9203.0 | 9203.0 | 9323.3 | 9379.0 | 9278.0 | 9203.0 | 8778.3 | 8244.0 | 8244.0 | 8254.0 | 8311.0 |
| | 7466.0 | 7466.0 | 7491.0 | 7577.0 | 7273.1 | 7826.0 | 8923.0 | 9742.0 | 10008.4 | 10192.0 | 9515.0 | 10629.0 | 10493.0 |
| | 9643.2 | 10378.2 | 10441.2 | 10916.2 | 13393.7 | 12240.8 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12600.6 | 9948.3 |
| | 8885.0 | 9974.0 | 8286.0 | 7847.0 | 8443.3 | 8974.0 | 8952.0 | 8924.0 | 9214.1 | 9951.0 | 9951.0 | 9951.0 | 9974.0 |
| 6 | 9371.7 | 8998.1 | 8614.2 | 8449.7 | 8419.0 | 8398.3 | 8388.7 | 8381.5 | 8009.1 | 7516.9 | 7517.0 | 7469.5 | 7376.6 |
| | 6722.9 | 6724.7 | 6745.4 | 6771.9 | 6880.9 | 7269.5 | 7934.4 | 8740.2 | 9659.0 | 10282.7 | 10914.5 | 10870.2 | 10786.3 |
| | 10152.6 | 10318.3 | 10437.1 | 10459.8 | 13707.3 | 14569.7 | 16379.6 | 16029.1 | 15519.1 | 14417.8 | 13571.3 | 12015.5 | 11406.3 |
| | 10022.8 | 8994.3 | 8637.0 | 8263.9 | 8445.8 | 8932.0 | 8885.1 | 8904.4 | 9341.8 | 10130.0 | 10115.4 | 10099.4 | 10034.0 |

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operating guide N 3

Section 4

Section 5

RESERVOIR OPERATION CONSTRAINTS

MAXIMUM RESERVOIR ELEVATION

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MINIMUM RESERVOIR ELEVATION

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RESERVOIR RELEASE CONSTRAINTS

MINIMUM CONSUMPTIVE RELEASE

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MINIMUM NON-POWER RELEASE

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100 % OF THE MEAN MONTHLY OPERATING DISCHARGE

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|
| 9578. | 9112. | 8162. | 6657. | 5954. | 5008. | 5224. | 10893. | 8467. | 7221. | 9003. | 10621. |

100 % OF THE MEAN WEEKLY OPERATING DISCHARGE (CFS)

| WEEKS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 1-13 | 9727. | 9578. | 9578. | 9578. | 9578. | 9378. | 9112. | 9112. | 9112. | 8705. | 8162. | 8162. |
| 14-26 | 6657. | 6657. | 6657. | 6657. | 6657. | 6155. | 5954. | 5954. | 5954. | 5684. | 5008. | 5008. |
| 27-39 | 5224. | 5224. | 5224. | 5224. | 5224. | 8463. | 10893. | 10893. | 10893. | 10546. | 8467. | 8467. |
| 40-52 | 7221. | 7221. | 7221. | 7221. | 7221. | 8239. | 9003. | 9003. | 9003. | 9465. | 10621. | 10621. |

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STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
TO THE RATE LISTED (IN 1000 CFS*DAY)

END OF
MONTH

| | | 80. | 100. | 120. | 140. |
|-----|----|-------|-------|-------|-------|
| JAN | 0. | 940. | 1060. | 1340. | 1600. |
| FEB | 0. | 800. | 880. | 1040. | 1260. |
| MAR | 0. | 620. | 700. | 840. | 940. |
| APR | 0. | 440. | 470. | 600. | 740. |
| MAY | 0. | 560. | 620. | 680. | 800. |
| JUN | 0. | 860. | 880. | 1060. | 1240. |
| JUL | 0. | 1180. | 1200. | 1460. | 1620. |
| AUG | 0. | 1180. | 1440. | 1740. | 1885. |
| SEP | 0. | 1240. | 1560. | 1780. | 1885. |
| OCT | 0. | 1220. | 1640. | 1820. | 1885. |
| NOV | 0. | 1100. | 1400. | 1560. | 1885. |
| DEC | 0. | 1000. | 1220. | 1420. | 1885. |

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STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
TO THE RATE LISTED (IN 1000 CFS*DAY)

END OF
MONTH

| | 60. | 80. | 100. | 120. |
|-----|-------|-------|-------|-------|
| JAN | 760. | 860. | 1200. | 1500. |
| FEB | 660. | 680. | 920. | 1080. |
| MAR | 520. | 560. | 720. | 820. |
| APR | 260. | 320. | 480. | 620. |
| MAY | 280. | 360. | 500. | 620. |
| JUN | 540. | 700. | 800. | 960. |
| JUL | 840. | 1020. | 1120. | 1320. |
| AUG | 1040. | 1300. | 1440. | 1660. |
| SEP | 1240. | 1500. | 1820. | 1880. |
| OCT | 1120. | 1600. | 1800. | 1880. |
| NOV | 960. | 1300. | 1500. | 1780. |
| DEC | 860. | 1600. | 1240. | 1650. |

STORAGES AT WHICH OUTFLOW DISCHARGE IS INCREASED
TO THE RATE LISTED (IN 1000 CFS*DAY)

END OF
WEEK

| | | 80. | 100. | 120. | 140. |
|---|----|------|-------|-------|-------|
| 1 | 0. | 986. | 1184. | 1402. | 1821. |
| 2 | 0. | 973. | 1148. | 1384. | 1756. |
| 3 | 0. | 959. | 1112. | 1366. | 1692. |
| 4 | 0. | 946. | 1075. | 1348. | 1628. |

N-3
7

| | | | | | |
|----|----|-------|-------|-------|-------|
| 5 | € | 920. | 1034. | 1297. | 1551. |
| 6 | 0. | 885. | 989. | 1222. | 1466. |
| 7 | 0. | 850. | 944. | 1147. | 1381. |
| 8 | 0. | 815. | 899. | 1072. | 1296. |
| 9 | 0. | 777. | 857. | 1014. | 1219. |
| 10 | 0. | 736. | 816. | 969. | 1146. |
| 11 | 0. | 695. | 775. | 924. | 1074. |
| 12 | 0. | 655. | 735. | 879. | 1002. |
| 13 | 0. | 614. | 692. | 832. | 933. |
| 14 | 0. | 572. | 639. | 776. | 887. |
| 15 | 0. | 530. | 585. | 720. | 840. |
| 16 | 0. | 488. | 531. | 664. | 793. |
| 17 | 0. | 446. | 478. | 608. | 747. |
| 18 | 0. | 463. | 499. | 615. | 752. |
| 19 | 0. | 490. | 533. | 634. | 765. |
| 20 | 0. | 517. | 567. | 652. | 779. |
| 21 | 0. | 545. | 601. | 670. | 792. |
| 22 | 0. | 590. | 646. | 718. | 844. |
| 23 | 0. | 660. | 707. | 807. | 947. |
| 24 | 0. | 730. | 767. | 895. | 1049. |
| 25 | 0. | 800. | 828. | 984. | 1152. |
| 26 | 0. | 870. | 890. | 1073. | 1252. |
| 27 | 0. | 943. | 963. | 1163. | 1338. |
| 28 | 0. | 1015. | 1035. | 1254. | 1424. |
| 29 | 0. | 1087. | 1107. | 1344. | 1510. |
| 30 | 0. | 1159. | 1179. | 1434. | 1595. |
| 31 | 0. | 1180. | 1239. | 1505. | 1663. |
| 32 | 0. | 1180. | 1293. | 1568. | 1723. |
| 33 | 0. | 1180. | 1347. | 1632. | 1782. |
| 34 | 0. | 1180. | 1401. | 1695. | 1842. |
| 35 | 0. | 1184. | 1448. | 1743. | 1885. |
| 36 | 0. | 1198. | 1476. | 1752. | 1885. |
| 37 | 0. | 1212. | 1504. | 1761. | 1885. |
| 38 | 0. | 1226. | 1532. | 1771. | 1885. |
| 39 | 0. | 1240. | 1560. | 1780. | 1885. |
| 40 | 0. | 1235. | 1578. | 1789. | 1885. |
| 41 | 0. | 1231. | 1596. | 1798. | 1885. |
| 42 | 0. | 1226. | 1614. | 1807. | 1885. |
| 43 | 0. | 1222. | 1632. | 1816. | 1885. |
| 44 | 0. | 1204. | 1608. | 1785. | 1885. |
| 45 | 0. | 1176. | 1552. | 1725. | 1885. |
| 46 | 0. | 1148. | 1496. | 1664. | 1885. |
| 47 | 0. | 1120. | 1440. | 1603. | 1885. |
| 48 | 0. | 1094. | 1388. | 1551. | 1885. |
| 49 | 0. | 1071. | 1348. | 1519. | 1885. |
| 50 | 0. | 1048. | 1307. | 1488. | 1885. |
| 51 | 0. | 1026. | 1256. | 1456. | 1885. |
| 52 | 0. | 1000. | 1220. | 1420. | 1885. |

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STORAGES AT WHICH TURBINE DISCHARGE IS REDUCED
TO THE RATE LISTED (IN 1000 CFS*DAY)

| | | | | |
|----|-------|-------|-------|-------|
| 1 | 61 | 80. | 100. | 120. |
| 2 | 837. | 968. | 1231. | 1616. |
| 3 | 815. | 937. | 1222. | 1582. |
| 4 | 792. | 905. | 1213. | 1548. |
| 5 | 770. | 874. | 1204. | 1515. |
| 6 | 746. | 834. | 1160. | 1440. |
| 7 | 721. | 789. | 1090. | 1335. |
| 8 | 696. | 744. | 1020. | 1230. |
| 9 | 671. | 699. | 950. | 1125. |
| 10 | 642. | 665. | 894. | 1046. |
| 11 | 610. | 637. | 849. | 988. |
| 12 | 579. | 610. | 804. | 929. |
| 13 | 547. | 583. | 759. | 870. |
| 14 | 511. | 552. | 712. | 813. |
| 15 | 451. | 496. | 656. | 767. |
| 16 | 390. | 440. | 600. | 720. |
| 17 | 329. | 384. | 544. | 673. |
| 18 | 269. | 328. | 488. | 627. |
| 19 | 264. | 328. | 484. | 620. |
| 20 | 268. | 337. | 488. | 620. |
| 21 | 273. | 346. | 493. | 620. |
| 22 | 277. | 355. | 497. | 620. |
| 23 | 306. | 394. | 530. | 654. |
| 24 | 367. | 473. | 600. | 733. |
| 25 | 427. | 553. | 670. | 813. |
| 26 | 488. | 632. | 740. | 892. |
| 27 | 550. | 710. | 810. | 972. |
| 28 | 617. | 783. | 883. | 1053. |
| 29 | 685. | 855. | 955. | 1134. |
| 30 | 753. | 927. | 1027. | 1215. |
| 31 | 821. | 999. | 1099. | 1297. |
| 32 | 877. | 1065. | 1172. | 1375. |
| 33 | 917. | 1128. | 1244. | 1452. |
| 34 | 963. | 1192. | 1316. | 1528. |
| 35 | 1008. | 1255. | 1388. | 1605. |
| 36 | 1053. | 1313. | 1465. | 1675. |
| 37 | 1100. | 1360. | 1554. | 1726. |
| 38 | 1147. | 1407. | 1643. | 1777. |
| 39 | 1193. | 1453. | 1731. | 1829. |
| 40 | 1240. | 1500. | 1820. | 1880. |
| 41 | 1213. | 1523. | 1815. | 1880. |
| 42 | 1186. | 1545. | 1811. | 1880. |
| 43 | 1159. | 1568. | 1806. | 1880. |
| 44 | 1132. | 1590. | 1802. | 1880. |
| 45 | 1099. | 1560. | 1760. | 1867. |
| 46 | 1061. | 1490. | 1690. | 1843. |
| 47 | 1024. | 1420. | 1620. | 1820. |
| 48 | 987. | 1350. | 1550. | 1797. |
| 49 | 954. | 1281. | 1483. | 1772. |
| 50 | 931. | 1213. | 1425. | 1742. |
| 51 | 908. | 1145. | 1366. | 1713. |
| 52 | 886. | 1077. | 1307. | 1684. |
| | 860. | 1000. | 1240. | 1650. |

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140.0 100.0 120.0 120.0 100.0 100.0 100.0 120.0 20.0 117.4 118.1 118.7 119.4

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OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 6 | 100.0 | 30.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 80.0 | 80.0 | 60.0 |
| | 73.0 | 72.9 | 72.3 | 70.4 | 84.7 | 63.5 | 65.0 | 63.0 | 80.0 | 80.0 | 100.0 | 120.0 | 120.0 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 114.9 | 88.0 | 88.3 | 88.1 | 80.2 | 100.1 | 100.3 | 100.0 | 87.9 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 377 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 92.4 | 91.5 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 120.0 | 140.0 |
| | 140.0 | 140.0 | 140.0 | 140.0 | 111.9 | 86.6 | 86.2 | 86.3 | 78.5 | 97.8 | 97.8 | 97.8 | 85.5 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 117.4 | 118.0 | 118.6 | 119.2 |
| 378 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 89.7 | 89.5 | 89.3 | 81.3 | 101.4 | 101.5 | 81.9 | 80.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 379 | 80.0 | 80.0 | 80.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| | 72.2 | 72.1 | 71.8 | 70.9 | 90.4 | 87.0 | 68.7 | 60.0 | 60.0 | 80.0 | 100.0 | 100.0 | 100.0 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 112.6 | 87.0 | 86.6 | 86.4 | 78.5 | 97.9 | 98.0 | 97.9 | 85.5 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 117.3 | 117.9 | 118.5 | 119.2 |
| 380 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 80.0 | 80.0 | 80.0 | 80.0 | 86.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 100.0 | 120.0 | 120.0 |
| | 120.0 | 120.0 | 140.0 | 140.0 | 111.4 | 86.3 | 86.3 | 86.3 | 78.5 | 97.8 | 97.8 | 97.9 | 85.6 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 117.3 | 118.0 | 118.6 | 119.3 |
| 381 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 120.0 | 120.0 | 112.0 | 86.6 | 86.4 | 86.4 | 78.7 | 97.9 | 97.8 | 97.7 | 85.5 |
| | 140.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 120.0 | 117.4 | 118.0 | 118.6 | 119.3 |
| 382 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 120.0 | 120.0 | 120.0 | 120.0 | 113.7 | 88.0 | 87.9 | 87.8 | 80.0 | 99.5 | 99.4 | 98.9 | 86.0 |
| | 100.0 | 120.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60% MIN. C^o NDAR YEAR BASIS 4960 GWH(1999)
REA ENV., RATION BY OPERATING GUIDE N-3

*****WATANA

RESERVOIR, CALENDAR YEAR 1979 *****

| DATE ON
BEGINS | WEEK | INFLOW
(CFS) | TURBINE
DISCHARGE
(CFS) | ENV
RELEASE
(CFS) | EXCESS
RELEASE
(CFS) | RATE
(%) | NONPOWER
RELEASE
(CFS) | EDW RES
CONTENT
(1000 AF) | EDW RES
ELEV
(FT) | TWEL
(FT) | NET
HEAD
(FT) | PLANT
EFF
(%) | PLANT
CAPBLTY
(MW) | ENER
GE
(GW) |
|-------------------|------|-----------------|-------------------------------|-------------------------|----------------------------|-------------|------------------------------|---------------------------------|-------------------------|--------------|---------------------|---------------------|--------------------------|--------------------|
| JAN | 1 | 1225. | 7782. | 0. | 0. | 80. | 0. | 7456.4 | 2126.3 | 1455.2 | 662.5 | 88.0 | 1043.7 | 64 |
| | 2 | 1177. | 7662. | 0. | 0. | 80. | 0. | 7366.3 | 2123.4 | 1455.1 | 659.6 | 88.0 | 1037.0 | 63 |
| | 3 | 1177. | 7662. | 0. | 0. | 80. | 0. | 7276.3 | 2120.4 | 1455.1 | 656.8 | 88.0 | 1030.2 | 63 |
| | 4 | 1177. | 5747. | 0. | 0. | 60. | 0. | 7212.0 | 2118.4 | 1454.4 | 655.0 | 87.9 | 1026.1 | 47 |
| | 5 | 1093. | 5627. | 0. | 0. | 60. | 0. | 7149.8 | 2116.3 | 1454.4 | 653.1 | 87.9 | 1021.5 | 46 |
| FEB | 4 | 1093. | 5467. | 0. | 0. | 60. | 0. | 7089.1 | 2114.4 | 1454.3 | 651.2 | 87.9 | 1017.0 | 44 |
| | 7 | 1093. | 5467. | 0. | 0. | 60. | 0. | 7028.3 | 2112.4 | 1454.3 | 649.2 | 87.8 | 1012.4 | 44 |
| | 8 | 1093. | 5467. | 0. | 0. | 60. | 0. | 6967.6 | 2110.4 | 1454.3 | 647.3 | 87.8 | 1007.8 | 44 |
| | 9 | 1009. | 5223. | 0. | 0. | 60. | 0. | 6909.1 | 2108.6 | 1454.2 | 645.5 | 87.8 | 1003.6 | 42 |
| MAR | 4 | 1009. | 4897. | 0. | 0. | 60. | 0. | 6855.1 | 2106.8 | 1454.1 | 643.8 | 87.8 | 999.7 | 39 |
| | 11 | 1009. | 4897. | 0. | 0. | 60. | 0. | 6801.1 | 2105.1 | 1454.1 | 642.1 | 87.7 | 995.7 | 3 |
| | 12 | 1009. | 4897. | 0. | 0. | 60. | 0. | 6747.1 | 2103.3 | 1454.1 | 640.3 | 87.7 | 991.8 | 35 |
| | 13 | 1009. | 4897. | 0. | 0. | 60. | 0. | 6693.1 | 2101.6 | 1454.1 | 638.6 | 87.7 | 987.8 | 39 |
| APR | 1 | 1009. | 4809. | 0. | 0. | 72. | 0. | 6640.3 | 2099.8 | 1454.1 | 636.9 | 87.7 | 983.9 | 38 |
| | 15 | 1057. | 4800. | 0. | 0. | 72. | 0. | 6588.3 | 2097.8 | 1454.1 | 635.1 | 87.6 | 979.7 | 38 |
| | 16 | 1165. | 4779. | 0. | 0. | 72. | 0. | 6538.1 | 2095.9 | 1454.1 | 633.1 | 87.6 | 975.2 | 37 |
| | 17 | 1466. | 4723. | 0. | 0. | 71. | 0. | 6492.9 | 2094.2 | 1454.1 | 631.3 | 87.6 | 971.1 | 37 |
| | 18 | 2307. | 5564. | 0. | 0. | 90. | 0. | 6447.7 | 2092.4 | 1454.3 | 629.4 | 87.6 | 966.6 | 43 |
| MAY | 6 | 4325. | 5182. | 0. | 0. | 87. | 0. | 6435.8 | 2092.0 | 1454.2 | 628.5 | 87.6 | 964.5 | 40 |
| | 20 | 10091. | 4891. | 0. | 0. | 69. | 0. | 6519.1 | 2095.2 | 1.54.0 | 630.0 | 87.6 | 967.9 | 32 |
| | 21 | 16097. | 3572. | 0. | 0. | 60. | 0. | 6693.0 | 2101.6 | 1454.0 | 634.7 | 87.6 | 978.9 | 28 |
| | 22 | 26633. | 3410. | 0. | 0. | 60. | 0. | 7015.5 | 2112.0 | 1453.9 | 643.0 | 87.8 | 998.0 | 27 |
| JUN | 3 | 23113. | 4006. | 0. | 0. | 80. | 0. | 7280.9 | 2120.6 | 1454.0 | 652.4 | 87.9 | 1019.8 | 32 |
| | 24 | 19401. | 5008. | 0. | 0. | 100. | 0. | 7480.8 | 2127.1 | 1454.1 | 659.7 | 88.0 | 1037.1 | 41 |
| | 25 | 17515. | 5008. | 0. | 0. | 100. | 0. | 7654.5 | 2132.7 | 1454.1 | 665.6 | 88.1 | 1051.2 | 41 |
| | 26 | 21671. | 5008. | 0. | 0. | 100. | 0. | 7885.9 | 2140.2 | 1454.1 | 672.1 | 88.2 | 1066.4 | 42 |
| JUL | 1 | 22176. | 6269. | 0. | 0. | 120. | 0. | 8106.8 | 2147.3 | 1454.6 | 678.0 | 88.3 | 1082.3 | 53 |
| | 28 | 21936. | 6269. | 0. | 0. | 120. | 0. | 8324.4 | 2153.7 | 1454.6 | 685.5 | 88.2 | 1098.2 | 54 |
| | 29 | 26705. | 6269. | 0. | 0. | 120. | 0. | 8608.2 | 2161.5 | 1454.6 | 692.4 | 88.2 | 1114.8 | 5 |
| | 30 | 27293. | 6269. | 0. | 0. | 120. | 0. | 8900.2 | 2169.5 | 1454.6 | 700.2 | 88.1 | 1133.4 | 5 |
| | 31 | 22296. | 9534. | 0. | 0. | 113. | 0. | 9077.4 | 2174.3 | 1455.0 | 705.3 | 88.0 | 1145.9 | 84 |
| AUG | 5 | 20854. | 9478. | 0. | 0. | 87. | 0. | 9235.4 | 2178.6 | 1455.8 | 709.8 | 88.0 | 1157.0 | 84 |
| | 33 | 16842. | 9434. | 0. | 0. | 87. | 0. | 9338.3 | 2181.4 | 1455.8 | 713.4 | 88.0 | 1165.7 | 84 |
| | 34 | 14343. | 9406. | 0. | 0. | 86. | 0. | 9406.9 | 2183.3 | 1455.8 | 715.7 | 87.9 | 1171.3 | 84 |
| | 35 | 12758. | 8284. | 1303. | 0. | 79. | 0. | 9450.9 | 2184.5 | 1455.8 | 717.1 | 87.9 | 1174.9 | 74 |
| SEP | 2 | 7944. | 8286. | 2211. | 0. | 98. | 0. | 9415.5 | 2183.5 | 1456.1 | 717.0 | 87.9 | 1174.5 | 74 |
| | 37 | 7739. | 8296. | 2240. | 0. | 98. | 0. | 9376.6 | 2182.5 | 1456.1 | 716.0 | 87.9 | 1172.0 | 74 |
| | 38 | 11388. | 8288. | 0. | 0. | 98. | 0. | 9419.7 | 2183.7 | 1455.4 | 716.8 | 87.9 | 1174.0 | 74 |
| | 39 | 10305. | 7237. | 0. | 0. | 85. | 0. | 9468.4 | 2185.0 | 1455.0 | 718.4 | 87.9 | 1178.0 | 74 |
| OCT | 1 | 6635. | 10109. | 0. | 0. | 140. | 0. | 9420.1 | 2183.7 | 1456.0 | 717.4 | 87.9 | 1175.5 | 90 |
| | 41 | 8421. | 8665. | 0. | 0. | 120. | 0. | 9416.7 | 2183.6 | 1455.5 | 717.2 | 87.9 | 1175.0 | 77 |
| | 42 | 5915. | 8665. | 0. | 0. | 120. | 0. | 9378.5 | 2182.5 | 1455.5 | 716.6 | 87.9 | 1173.6 | 77 |
| | 43 | 4370. | 8665. | 0. | 0. | 120. | 0. | 9318.9 | 2180.9 | 1455.5 | 715.3 | 88.0 | 1170.4 | 77 |
| | 44 | 4096. | 9887. | 0. | 0. | 120. | 0. | 9238.5 | 2178.7 | 1456.0 | 713.0 | 88.0 | 1164.7 | 88 |
| NOV | 5 | 3720. | 10804. | 0. | 0. | 120. | 0. | 9140.1 | 2176.0 | 1456.2 | 710.3 | 88.0 | 1158.2 | 96 |
| | 46 | 4145. | 10804. | 0. | 0. | 120. | 0. | 9047.6 | 2173.5 | 1456.2 | 707.8 | 88.0 | 1151.9 | 95 |

| | | | | | | | | | | | | | | |
|-------|----|-------|--------|------|----|------|----|--------|--------|--------|-------|------|--------|------|
| DEC 3 | 17 | 2967. | 10804. | 0. | 0. | 120. | 0. | 8938.8 | 2170.5 | 1456.2 | 705.1 | 88.0 | 107.3 | 95 |
| | 48 | 2823. | 11358. | 0. | 0. | 120. | 0. | 8820.2 | 2167.3 | 1456.3 | 701.9 | 88.1 | 107.5 | 100 |
| | 49 | 2307. | 12456. | 0. | 0. | 117. | 0. | 8679.3 | 2163.4 | 1456.6 | 698.1 | 88.1 | 1128.4 | 109 |
| | 50 | 2078. | 12520. | 0. | 0. | 118. | 0. | 8534.3 | 2159.4 | 1456.6 | 694.2 | 88.2 | 1119.1 | 109 |
| | 51 | 1898. | 12588. | 0. | 0. | 119. | 0. | 8385.8 | 2155.4 | 1456.6 | 690.3 | 88.2 | 1109.6 | 109 |
| | 52 | 1718. | 12656. | 0. | 0. | 119. | 0. | 8233.9 | 2151.2 | 1456.7 | 686.2 | 88.2 | 1099.9 | 109 |
| | | 8340. | 7288. | 111. | 0. | 91. | 0. | 7998.2 | 2141.6 | 1455.0 | 676.1 | 87.9 | 1076.7 | 3260 |

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N-3
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***** PRODUCTION SUMMARY, CALENDAR YEAR 1979 *****

* ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|-----------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| TANA | RESERVOIR | 64.6 | 63.3 | 63.0 | 47.1 | 46.0 | 44.6 | 44.4 | 44.3 | 42.2 | 39.4 | 39.3 | 39.2 | 39.1 | |
| | | 38.2 | 38.1 | 37.8 | 37.2 | 43.7 | 40.6 | 32.1 | 28.3 | 27.4 | 32.7 | 41.4 | 41.8 | 42.3 | |
| | | 53.5 | 54.0 | 54.5 | 55.1 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 90.8 | 77.8 | 77.8 | 77.6 | 88.3 | 96.2 | 95.9 | 95.5 | 100.0 | 109.1 | 109.1 | 109.1 | 109.1 | 326 |
| TAL ENERGY PRODUCTION | | 64.6 | 63.3 | 63.0 | 47.1 | 46.0 | 44.6 | 44.4 | 44.3 | 42.2 | 39.4 | 39.3 | 39.2 | 39.1 | |
| | | 38.2 | 38.1 | 37.8 | 37.2 | 43.7 | 40.6 | 32.1 | 28.3 | 27.4 | 32.7 | 41.4 | 41.8 | 42.3 | |
| | | 53.5 | 54.0 | 54.5 | 55.1 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 90.8 | 77.8 | 77.8 | 77.6 | 88.3 | 96.2 | 95.9 | 95.5 | 100.0 | 109.1 | 109.1 | 109.1 | 109.1 | 326 |
| STEM ENERGY DEMAND | | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 400 |
| RM TARGET | | 40.0 | 40.0 | 40.0 | 40.0 | 36.8 | 36.8 | 36.8 | 36.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | |
| | | 30.4 | 30.4 | 30.4 | 30.4 | 28.8 | 28.8 | 28.8 | 28.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | |
| | | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | |
| | | 35.2 | 35.2 | 35.2 | 35.2 | 38.4 | 38.4 | 38.4 | 38.4 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 160 |
| CONDARY | | 24.6 | 23.3 | 23.0 | 7.1 | 9.2 | 7.8 | 7.6 | 7.5 | 13.4 | 10.6 | 10.5 | 10.4 | 10.3 | |
| | | 7.8 | 7.7 | 7.4 | 6.8 | 14.9 | 11.8 | 3.3 | 0.0 | 6.6 | 11.9 | 20.6 | 21.0 | 21.5 | |
| | | 26.3 | 26.8 | 27.3 | 27.9 | 57.1 | 57.1 | 57.1 | 57.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | |
| | | 55.6 | 42.6 | 42.6 | 42.4 | 49.9 | 57.8 | 57.5 | 57.1 | 64.8 | 73.9 | 73.9 | 73.9 | 73.9 | 166 |
| MORTAGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | | |
|----------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| TANA | RESERVOIR | 1043.7 | 1037.0 | 1030.2 | 1026.1 | 1021.5 | 1017.0 | 1012.4 | 1007.8 | 1003.6 | 999.7 | 995.7 | 991.8 | 987.8 | |
| | | 983.9 | 979.7 | 975.2 | 971.1 | 966.6 | 964.5 | 967.9 | 978.9 | 998.0 | 1019.8 | 1037.1 | 1051.2 | 1066.4 | |
| | | 1002.3 | 1098.2 | 1114.8 | 1133.4 | 1145.9 | 1157.0 | 1165.7 | 1171.3 | 1174.9 | 1174.5 | 1172.0 | 1174.0 | 1178.0 | |
| | | 1175.5 | 1175.0 | 1173.6 | 1170.4 | 1164.7 | 1158.2 | 1151.9 | 1145.3 | 1137.5 | 1128.4 | 1119.1 | 1109.6 | 1099.9 | |
| TAL CAPABILITY | | 1043.7 | 1037.0 | 1030.2 | 1026.1 | 1021.5 | 1017.0 | 1012.4 | 1007.8 | 1003.6 | 999.7 | 995.7 | 991.8 | 987.8 | |
| | | 983.9 | 979.7 | 975.2 | 971.1 | 966.6 | 964.5 | 967.9 | 978.9 | 998.0 | 1019.8 | 1037.1 | 1051.2 | 1066.4 | |
| | | 1002.3 | 1098.2 | 1114.8 | 1133.4 | 1145.9 | 1157.0 | 1165.7 | 1171.3 | 1174.9 | 1174.5 | 1172.0 | 1174.0 | 1178.0 | |
| | | 1175.5 | 1175.0 | 1173.6 | 1170.4 | 1164.7 | 1158.2 | 1151.9 | 1145.3 | 1137.5 | 1128.4 | 1119.1 | 1109.6 | 1099.9 | |

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CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

N-3

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WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60X MIN CALENDAR YEAR BASIS 4960 GWH(1999)
AEA ENV. OPERATION BY OPERATING GUIDE N-3

*****WATANA

RESERVOIR, CALENDAR YEAR 1969 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EOW RES CONTENT (1000 AF) | EOW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 649. | 9727. | 0. | 0. | 100. | 0. | 7952.3 | 2142.3 | 1455.9 | 678.2 | 88.3 | 1080.7 | 82 |
| | 2 | 631. | 9578. | 0. | 0. | 100. | 0. | 7828.1 | 2138.3 | 1455.8 | 674.2 | 88.2 | 1071.4 | 81 |
| | 3 | 589. | 9578. | 0. | 0. | 100. | 0. | 7703.2 | 2134.3 | 1455.8 | 670.2 | 88.1 | 1062.0 | 80 |
| | 4 | 589. | 9578. | 0. | 0. | 100. | 0. | 7578.4 | 2130.2 | 1455.8 | 666.3 | 88.1 | 1052.6 | 80 |
| | 5 | 589. | 9378. | 0. | 0. | 100. | 0. | 7456.3 | 2126.3 | 1455.8 | 662.4 | 88.0 | 1043.5 | 77 |
| FEB | 4 | 589. | 9112. | 0. | 0. | 100. | 0. | 7338.0 | 2122.4 | 1455.7 | 658.7 | 88.0 | 1034.7 | 75 |
| | 7 | 601. | 9112. | 0. | 0. | 100. | 0. | 7219.8 | 2118.6 | 1455.7 | 654.9 | 87.9 | 1025.8 | 74 |
| | 8 | 631. | 9112. | 0. | 0. | 100. | 0. | 7102.0 | 2114.8 | 1455.7 | 651.1 | 87.9 | 1016.9 | 74 |
| | 9 | 631. | 6964. | 0. | 0. | 80. | 0. | 7014.0 | 2112.0 | 1454.9 | 648.6 | 87.8 | 1011.0 | 56 |
| MAR | 4 | 10 | 655. | 6530. | 0. | 0. | 0. | 6932.4 | 2109.3 | 1454.7 | 646.1 | 87.8 | 1005.0 | 52 |
| | 11 | 673. | 4897. | 0. | 0. | 60. | 0. | 6873.8 | 2107.4 | 1454.1 | 644.5 | 87.8 | 1001.2 | 50 |
| | 12 | 709. | 4897. | 0. | 0. | 60. | 0. | 6815.6 | 2105.5 | 1454.1 | 642.6 | 87.8 | 996.9 | 39 |
| | 13 | 733. | 4897. | 0. | 0. | 60. | 0. | 6757.8 | 2103.7 | 1454.1 | 640.7 | 87.7 | 992.7 | 39 |
| APR | 1 | 14 | 805. | 4848. | 0. | 0. | 0. | 6701.6 | 2101.8 | 1454.1 | 638.9 | 87.7 | 988.5 | 38 |
| | 15 | 949. | 4820. | 0. | 0. | 72. | 0. | 6647.9 | 2100.1 | 1454.1 | 637.2 | 87.7 | 984.5 | 38 |
| | 16 | 1237. | 4766. | 0. | 0. | 72. | 0. | 6598.9 | 2098.2 | 1454.1 | 635.4 | 87.7 | 980.4 | 37 |
| | 17 | 1754. | 4668. | 0. | 0. | 70. | 0. | 6558.4 | 2096.7 | 1454.1 | 633.7 | 87.6 | 976.6 | 36 |
| | 18 | 2059. | 5459. | 0. | 0. | 89. | 0. | 6522.3 | 2095.3 | 1454.3 | 632.1 | 87.6 | 972.8 | 43 |
| MAY | 6 | 19 | 5056. | 5043. | 0. | 0. | 0. | 6522.5 | 2095.3 | 1454.1 | 631.6 | 87.6 | 971.6 | 39 |
| | 20 | 9615. | 4181. | 0. | 0. | 70. | 0. | 6597.9 | 2098.2 | 1454.0 | 633.1 | 87.6 | 975.1 | 33 |
| | 21 | 16866. | 3572. | 0. | 0. | 60. | 0. | 6782.6 | 2104.5 | 1454.0 | 637.7 | 87.7 | 985.6 | 28 |
| | 22 | 10149. | 4080. | 0. | 0. | 72. | 0. | 6866.8 | 2107.2 | 1454.0 | 642.0 | 87.7 | 995.7 | 32 |
| JUN | 3 | 23 | 10764. | 3964. | 0. | 0. | 0. | 6961.3 | 2110.2 | 1454.0 | 644.9 | 87.8 | 1002.2 | 32 |
| | 24 | 13719. | 3485. | 0. | 0. | 68. | 0. | 7104.5 | 2114.9 | 1453.9 | 648.7 | 87.8 | 1011.3 | 27 |
| | 25 | 15028. | 3157. | 0. | 0. | 63. | 0. | 7269.4 | 2120.2 | 1453.9 | 653.7 | 87.9 | 1022.9 | 25 |
| | 26 | 13647. | 3418. | 0. | 0. | 68. | 0. | 7411.4 | 2124.8 | 1453.9 | 658.5 | 88.0 | 1034.4 | 28 |
| JUL | 1 | 27 | 11713. | 3784. | 0. | 0. | 0. | 7521.6 | 2128.4 | 1454.0 | 662.5 | 88.0 | 1043.8 | 31 |
| | 28 | 14824. | 3195. | 0. | 0. | 61. | 0. | 7683.1 | 2133.6 | 1453.9 | 666.9 | 88.1 | 1054.2 | 26 |
| | 29 | 15232. | 3134. | 0. | 0. | 60. | 0. | 7851.1 | 2139.1 | 1453.9 | 672.2 | 88.2 | 1066.6 | 25 |
| | 30 | 12734. | 3591. | 0. | 0. | 69. | 0. | 7978.1 | 2143.2 | 1454.0 | 676.8 | 88.2 | 1077.6 | 30 |
| | 31 | 11256. | 6010. | 0. | 0. | 71. | 0. | 8050.9 | 2145.5 | 1454.5 | 679.5 | 88.3 | 1083.9 | 51 |
| AUG | 5 | 32 | 12013. | 9727. | 0. | 0. | 0. | 8082.7 | 2146.6 | 1455.9 | 679.8 | 88.3 | 1084.6 | 83 |
| | 33 | 6222. | 9878. | 945. | 0. | 91. | 0. | 8018.8 | 2144.5 | 1456.2 | 679.8 | 88.3 | 1082.7 | 84 |
| | 34 | 5047. | 9917. | 1129. | 0. | 91. | 0. | 7935.4 | 2141.8 | 1456.3 | 676.6 | 88.2 | 1077.0 | 84 |
| | 35 | 4703. | 8790. | 2320. | 0. | 83. | 0. | 7846.5 | 2138.9 | 1456.3 | 673.8 | 88.2 | 1070.5 | 74 |
| SEP | 2 | 36 | 5300. | 8829. | 2168. | 0. | 0. | 7767.3 | 2136.3 | 1456.2 | 671.2 | 88.2 | 1064.2 | 74 |
| | 37 | 4635. | 8869. | 2255. | 0. | 105. | 0. | 7677.2 | 2133.4 | 1456.3 | 668.4 | 88.1 | 1057.7 | 74 |
| | 38 | 3974. | 7388. | 0. | 0. | 87. | 0. | 7629.8 | 2131.9 | 1455.0 | 667.5 | 88.1 | 1055.5 | 61 |
| | 39 | 3814. | 5278. | 0. | 0. | 62. | 0. | 7606.6 | 2131.1 | 1454.2 | 667.1 | 88.1 | 1054.7 | 50 |
| OCT | 1 | 40 | 3313. | 4373. | 0. | 0. | 0. | 7591.9 | 2130.7 | 1454.0 | 666.7 | 88.1 | 1053.7 | 36 |
| | 41 | 3119. | 4410. | 0. | 0. | 61. | 0. | 7573.9 | 2130.1 | 1454.0 | 666.2 | 88.1 | 1052.4 | 36 |
| | 42 | 2732. | 4483. | 0. | 0. | 62. | 0. | 7549.6 | 2129.3 | 1454.0 | 665.5 | 88.1 | 1050.8 | 37 |
| | 43 | 1844. | 4651. | 0. | 0. | 64. | 0. | 7510.6 | 2128.0 | 1454.1 | 664.5 | 88.1 | 1048.4 | 38 |
| | 44 | 1442. | 4944. | 0. | 0. | 60. | 0. | 7462.0 | 2126.5 | 1454.1 | 663.1 | 88.0 | 1045.0 | 41 |
| NOV | 5 | 45 | 1201. | 5402. | 0. | 0. | 0. | 7403.7 | 2124.6 | 1454.3 | 661.2 | 88.0 | 1040.6 | 44 |
| | 46 | 919. | 5402. | 0. | 0. | 60. | 0. | 7341.8 | 2122.6 | 1454.3 | 659.3 | 88.0 | 1036.1 | 44 |

| | | | | | | | | | | | | | | | |
|-----|----|------|-------|-------|------|-----|-----|--------|--------|--------|--------|-------|--------|--------|------|
| | 7 | 841. | 5402. | 0. | 0. | 60. | 0. | 7278.5 | 2120.5 | 1454.3 | 657.3 | 88.0 | 107.4 | 44 | |
| | 48 | 787. | 5679. | 0. | 0. | 60. | 0. | 7210.5 | 2118.3 | 1454.4 | 655.1 | 87.9 | 107.2 | 46 | |
| DEC | 3 | 49 | 757. | 6373. | 0. | 0. | 0. | 7132.5 | 2115.8 | 1454.6 | 652.5 | 87.9 | 1020.1 | 52 | |
| | | 50 | 721. | 6373. | 0. | 0. | 0. | 7054.1 | 2113.2 | 1454.6 | 650.0 | 87.9 | 1014.2 | 51 | |
| | | 51 | 715. | 6373. | 0. | 0. | 0. | 6975.5 | 2110.7 | 1454.6 | 647.5 | 87.8 | 1008.3 | 51 | |
| | | 52 | 715. | 6373. | 0. | 0. | 0. | 6896.9 | 2108.2 | 1454.6 | 645.0 | 87.8 | 1002.4 | 51 | |
| | | | 4641. | 6103. | 170. | 0. | 75. | 0. | 7302.8 | 2121.3 | 1454.7 | 656.9 | 88.0 | 1030.7 | 2628 |

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1969 *****

ENERGY (GWH) ****

| | | | | | | | | | | | | | | | |
|--------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| A | RESERVOIR | 82.9 | 81.1 | 80.6 | 80.1 | 77.9 | 75.2 | 74.7 | 74.3 | 56.5 | 52.8 | 39.5 | 39.3 | 39.2 | |
| | | 38.7 | 38.3 | 37.8 | 36.9 | 43.1 | 39.7 | 33.0 | 28.4 | 32.7 | 32.0 | 27.6 | 25.8 | 28.2 | |
| | | 31.4 | 26.7 | 26.5 | 30.5 | 51.3 | 83.1 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.9 | 50.5 | |
| | | 36.6 | 36.9 | 37.4 | 38.8 | 41.1 | 44.8 | 44.6 | 44.5 | 46.6 | 52.0 | 51.8 | 51.6 | 51.4 | 262 |
| | ENERGY PRODUCTION | 82.9 | 81.1 | 80.6 | 80.1 | 77.9 | 75.2 | 74.7 | 74.3 | 56.5 | 52.8 | 39.5 | 39.3 | 39.2 | |
| | 38.7 | 38.3 | 37.8 | 36.9 | 43.1 | 39.7 | 33.0 | 28.4 | 32.7 | 32.0 | 27.6 | 25.8 | 28.2 | | |
| | 31.4 | 26.7 | 26.5 | 30.5 | 51.3 | 83.1 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.9 | 50.5 | | |
| | 36.6 | 36.9 | 37.4 | 38.8 | 41.1 | 44.8 | 44.6 | 44.5 | 46.6 | 52.0 | 51.8 | 51.6 | 51.4 | 262 | |
| M | ENERGY DEMAND | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 496 |
| TARGET | | 40.0 | 40.0 | 40.0 | 40.0 | 36.8 | 36.8 | 36.8 | 36.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | |
| | | 30.4 | 30.4 | 30.4 | 30.4 | 28.8 | 28.8 | 28.8 | 28.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | |
| | | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | |
| | | 35.2 | 35.2 | 35.2 | 35.2 | 38.4 | 38.4 | 38.4 | 38.4 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 160 |
| DARY | | 42.9 | 41.1 | 40.6 | 40.1 | 41.1 | 38.4 | 37.9 | 37.5 | 27.7 | 24.0 | 10.7 | 10.5 | 10.4 | |
| | | 8.3 | 7.9 | 7.4 | 6.5 | 14.3 | 10.9 | 4.2 | 0.0 | 11.9 | 11.2 | 6.8 | 5.0 | 7.4 | |
| | | 4.2 | 0.0 | 0.0 | 3.3 | 24.1 | 55.9 | 57.1 | 57.1 | 50.4 | 50.4 | 50.4 | 37.9 | 26.5 | |
| | | 1.4 | 1.7 | 2.2 | 3.6 | 2.7 | 6.4 | 6.2 | 6.1 | 11.4 | 16.8 | 16.6 | 16.4 | 16.2 | 103 |
| AGE | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | -0.5 | -0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

CAPABILITY (MW) ****

| | | | | | | | | | | | | | | | |
|---|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| A | RESERVOIR | 1080.7 | 1071.4 | 1062.0 | 1052.6 | 1043.5 | 1034.7 | 1025.8 | 1016.9 | 1011.0 | 1005.0 | 1001.2 | 996.9 | 992.7 | |
| | | 988.5 | 984.5 | 980.4 | 976.6 | 972.8 | 971.6 | 975.1 | 985.6 | 995.7 | 1002.2 | 1011.3 | 1022.9 | 1034.4 | |
| | | 1043.8 | 1054.2 | 1066.6 | 1077.6 | 1083.9 | 1084.6 | 1082.7 | 1077.0 | 1070.5 | 1064.2 | 1057.7 | 1055.5 | 1054.7 | |
| | | 1053.7 | 1052.4 | 1050.8 | 1048.4 | 1045.0 | 1040.6 | 1036.1 | 1031.4 | 1026.2 | 1020.1 | 1014.2 | 1008.3 | 1002.4 | |
| | CAPABILITY | 1080.7 | 1071.4 | 1062.0 | 1052.6 | 1043.5 | 1034.7 | 1025.8 | 1016.9 | 1011.0 | 1005.0 | 1001.2 | 996.9 | 992.7 | |
| | 988.5 | 984.5 | 980.4 | 976.6 | 972.8 | 971.6 | 975.1 | 985.6 | 995.7 | 1002.2 | 1011.3 | 1022.9 | 1034.4 | | |
| | 1043.8 | 1054.2 | 1066.6 | 1077.6 | 1083.9 | 1084.6 | 1082.7 | 1077.0 | 1070.5 | 1064.2 | 1057.7 | 1055.5 | 1054.7 | | |
| | 1053.7 | 1052.4 | 1050.8 | 1048.4 | 1045.0 | 1040.6 | 1036.1 | 1031.4 | 1026.2 | 1020.1 | 1014.2 | 1008.3 | 1002.4 | | |

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WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60% MIN. ANNUAL YEAR BASIS 4960 GWH(1999)
REA ENV., OPERATION BY OPERATING GUIDE N-3

*****WATANA

RESERVOIR, CALENDAR YEAR 1970 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENER GE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|--------------|
| JAN | 1 | 715. | 5836. | 0. | 0. | 60. | 0. | 6825.8 | 2105.9 | 1454.4 | 642.8 | 87.8 | 997.4 | 46 |
| | 2 | 715. | 5747. | 0. | 0. | 60. | 0. | 6755.9 | 2103.6 | 1454.4 | 640.6 | 87.7 | 992.3 | 46 |
| | 3 | 685. | 5747. | 0. | 0. | 60. | 0. | 6685.6 | 2101.3 | 1454.4 | 638.3 | 87.7 | 987.2 | 45 |
| | 4 | 673. | 5747. | 0. | 0. | 60. | 0. | 6615.1 | 2098.9 | 1454.4 | 636.0 | 87.7 | 981.8 | 45 |
| | 5 | 673. | 5627. | 0. | 0. | 60. | 0. | 6546.3 | 2096.2 | 1454.4 | 633.5 | 87.6 | 976.1 | 44 |
| FEB | 4 | 673. | 5467. | 0. | 0. | 60. | 0. | 6479.8 | 2093.7 | 1454.3 | 631.0 | 87.6 | 970.4 | 43 |
| | 7 | 631. | 5467. | 0. | 0. | 60. | 0. | 6412.6 | 2091.1 | 1454.3 | 628.5 | 87.6 | 964.6 | 42 |
| | 8 | 631. | 5467. | 0. | 0. | 60. | 0. | 6345.4 | 2088.5 | 1454.3 | 626.0 | 87.5 | 958.8 | 42 |
| | 9 | 631. | 5223. | 0. | 0. | 60. | 0. | 6281.7 | 2086.1 | 1454.2 | 623.6 | 87.5 | 953.3 | 40 |
| MAR | 4 | 631. | 4897. | 0. | 0. | 60. | 0. | 6222.4 | 2083.8 | 1454.1 | 621.4 | 87.5 | 948.2 | 37 |
| | 11 | 643. | 4897. | 0. | 0. | 60. | 0. | 6163.3 | 2081.5 | 1454.1 | 619.1 | 87.4 | 943.1 | 37 |
| | 12 | 673. | 4897. | 0. | 0. | 60. | 0. | 6104.7 | 2079.3 | 1454.1 | 616.9 | 87.4 | 938.0 | 37 |
| | 13 | 673. | 4897. | 0. | 0. | 60. | 0. | 6046.0 | 2077.0 | 1454.1 | 614.7 | 87.4 | 932.9 | 37 |
| APR | 1 | 715. | 4865. | 0. | 0. | 73. | 0. | 5988.4 | 2074.8 | 1454.1 | 612.5 | 87.3 | 927.8 | 37 |
| | 15 | 787. | 4851. | 0. | 0. | 73. | 0. | 5931.9 | 2072.7 | 1454.1 | 610.4 | 87.3 | 923.0 | 36 |
| | 16 | 901. | 4830. | 0. | 0. | 73. | 0. | 5877.3 | 2070.6 | 1454.1 | 608.3 | 87.3 | 918.3 | 36 |
| | 17 | 1093. | 4793. | 0. | 0. | 72. | 0. | 5826.0 | 2068.6 | 1454.1 | 606.3 | 87.2 | 913.8 | 36 |
| | 18 | 1634. | 5691. | 0. | 0. | 92. | 0. | 5769.6 | 2066.4 | 1454.4 | 603.9 | 87.2 | 908.6 | 42 |
| MAY | 6 | 3880. | 5266. | 0. | 0. | 88. | 0. | 5750.4 | 2065.7 | 1454.2 | 602.7 | 87.2 | 905.8 | 39 |
| | 20 | 13743. | 3572. | 0. | 0. | 60. | 0. | 5891.6 | 2071.1 | 1454.0 | 605.2 | 87.2 | 911.5 | 26 |
| | 21 | 12409. | 3652. | 0. | 0. | 61. | 0. | 6013.2 | 2075.8 | 1454.0 | 610.2 | 87.3 | 922.6 | 27 |
| | 22 | 15244. | 3410. | 0. | 0. | 60. | 0. | 6177.6 | 2082.1 | 1453.9 | 615.6 | 87.4 | 934.9 | 26 |
| JUN | 3 | 14271. | 3300. | 0. | 0. | 66. | 0. | 6329.9 | 2087.9 | 1453.9 | 621.6 | 87.5 | 948.7 | 25 |
| | 24 | 13767. | 3396. | 0. | 0. | 68. | 0. | 6474.0 | 2093.4 | 1453.9 | 627.2 | 87.5 | 961.6 | 26 |
| | 25 | 13034. | 3534. | 0. | 0. | 71. | 0. | 6605.9 | 2098.5 | 1454.0 | 632.4 | 87.6 | 973.5 | 27 |
| | 26 | 21948. | 3005. | 0. | 0. | 60. | 0. | 6869.0 | 2107.3 | 1453.9 | 639.2 | 87.7 | 989.2 | 24 |
| JUL | 1 | 21047. | 3134. | 0. | 0. | 60. | 0. | 7117.8 | 2115.3 | 1453.9 | 647.5 | 87.8 | 1008.3 | 25 |
| | 28 | 17659. | 3134. | 0. | 0. | 60. | 0. | 7319.5 | 2121.8 | 1453.9 | 654.7 | 87.9 | 1025.3 | 25 |
| | 29 | 18920. | 3134. | 0. | 0. | 60. | 0. | 7538.7 | 2128.9 | 1453.9 | 661.4 | 88.0 | 1041.2 | 26 |
| | 30 | 18091. | 3134. | 0. | 0. | 60. | 0. | 7746.4 | 2135.7 | 1453.9 | 668.2 | 88.1 | 1057.2 | 26 |
| | 31 | 22224. | 5078. | 0. | 0. | 60. | 0. | 7984.6 | 2143.4 | 1454.1 | 675.1 | 88.2 | 1073.5 | 43 |
| AUG | 5 | 19233. | 8362. | 0. | 0. | 77. | 0. | 8135.5 | 2148.3 | 1455.4 | 680.1 | 88.3 | 1085.3 | 71 |
| | 33 | 14860. | 9189. | 0. | 0. | 84. | 0. | 8214.3 | 2150.7 | 1455.7 | 683.4 | 88.3 | 1093.2 | 70 |
| | 34 | 16794. | 8823. | 0. | 0. | 81. | 0. | 8325.0 | 2153.7 | 1455.6 | 686.2 | 88.2 | 1099.9 | 76 |
| | 35 | 11592. | 8612. | 1194. | 0. | 82. | 0. | 8349.8 | 2154.4 | 1455.9 | 687.7 | 88.2 | 1103.4 | 74 |
| SEP | 2 | 10004. | 8609. | 1498. | 0. | 102. | 0. | 8348.4 | 2154.4 | 1456.0 | 687.9 | 88.2 | 1103.9 | 74 |
| | 37 | 7960. | 8616. | 1878. | 0. | 102. | 0. | 8313.2 | 2153.4 | 1456.1 | 687.3 | 88.2 | 1102.5 | 74 |
| | 38 | 8109. | 6774. | 0. | 0. | 80. | 0. | 8331.7 | 2153.9 | 1454.8 | 688.4 | 88.2 | 1105.1 | 58 |
| | 39 | 5166. | 6774. | 0. | 0. | 80. | 0. | 8306.2 | 2153.2 | 1454.8 | 688.3 | 88.2 | 1104.9 | 66 |
| OCT | 1 | 5901. | 5777. | 0. | 0. | 80. | 0. | 8307.9 | 2153.3 | 1454.4 | 688.3 | 88.2 | 1105.8 | 50 |
| | 41 | 4925. | 5777. | 0. | 0. | 80. | 0. | 8296.1 | 2152.9 | 1454.4 | 688.2 | 88.2 | 1104.7 | 49 |
| | 42 | 4012. | 5777. | 0. | 0. | 80. | 0. | 8271.6 | 2152.3 | 1454.4 | 687.7 | 88.2 | 1103.5 | 49 |
| | 43 | 3412. | 5777. | 0. | 0. | 80. | 0. | 8238.7 | 2151.4 | 1454.4 | 686.9 | 88.2 | 1101.7 | 49 |
| | 44 | 3364. | 6591. | 0. | 0. | 80. | 0. | 8193.9 | 2150.1 | 1454.7 | 685.6 | 88.2 | 1098.4 | 56 |
| NOV | 5 | 3195. | 7202. | 0. | 0. | 80. | 0. | 8138.3 | 2148.4 | 1455.0 | 683.9 | 88.3 | 1094.4 | 61 |
| | 46 | 2907. | 7202. | 0. | 0. | 80. | 0. | 8078.6 | 2146.4 | 1455.0 | 682.1 | 88.3 | 1090.0 | 61 |

| | | | | | | | | | | | | | | |
|-------|----|-------|-------|-----|----|-----|----|--------|--------|--------|-------|------|--------|------|
| | 47 | 2571. | 7202. | 0. | 0. | 80. | 0. | 8014.3 | 2144.3 | 1455.0 | 680.1 | 88.3 | 1075.3 | 61 |
| | 48 | 2307. | 7572. | 0. | 0. | 80. | 0. | 7941.2 | 2142.0 | 1455.1 | 677.7 | 88.3 | 1075.8 | 64 |
| DEC 3 | 49 | 2162. | 8497. | 0. | 0. | 80. | 0. | 7853.2 | 2139.1 | 1455.4 | 674.8 | 88.2 | 1072.9 | 72 |
| | 50 | 2018. | 8497. | 0. | 0. | 80. | 0. | 7763.2 | 2136.2 | 1455.4 | 672.0 | 88.2 | 1066.2 | 71 |
| | 51 | 1850. | 8497. | 0. | 0. | 80. | 0. | 7670.9 | 2133.2 | 1455.4 | 669.1 | 88.1 | 1059.3 | 71 |
| | 52 | 1658. | 8497. | 0. | 0. | 80. | 0. | 7575.9 | 2130.1 | 1455.4 | 666.1 | 88.1 | 1052.3 | 71 |
| | | 6808. | 5775. | 88. | 0. | 72. | 0. | 7141.6 | 2114.8 | 1454.5 | 650.1 | 87.8 | 1015.4 | 2475 |

**CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION**

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1978 *****

*** ENERGY (GWH) ***

| | | | | | | | | | | | | | | | |
|---------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ITANA | RESERVOIR | 46.9 | 46.0 | 45.8 | 45.6 | 44.5 | 43.0 | 42.8 | 42.7 | 40.6 | 37.9 | 37.8 | 37.6 | 37.5 | |
| | | 37.1 | 36.8 | 36.5 | 36.1 | 42.7 | 39.4 | 26.9 | 27.7 | 26.1 | 25.5 | 26.6 | 27.9 | 24.0 | |
| | | 25.4 | 25.7 | 26.0 | 26.3 | 43.1 | 71.5 | 78.9 | 76.1 | 74.4 | 74.4 | 74.4 | 58.6 | 66.9 | |
| | | 58.0 | 49.9 | 49.9 | 49.9 | 56.8 | 61.9 | 61.8 | 61.6 | 64.5 | 72.0 | 71.7 | 71.4 | 71.0 | 247 |
| | TOTAL ENERGY PRODUCTION | 46.9 | 46.0 | 45.8 | 45.6 | 44.5 | 43.0 | 42.8 | 42.7 | 40.6 | 37.9 | 37.8 | 37.6 | 37.5 | |
| | | 37.1 | 36.8 | 36.5 | 36.1 | 42.7 | 39.4 | 26.9 | 27.7 | 26.1 | 25.5 | 26.6 | 27.9 | 24.0 | |
| | | 25.4 | 25.7 | 26.0 | 26.3 | 43.1 | 71.5 | 78.9 | 76.1 | 74.4 | 74.4 | 74.4 | 58.6 | 66.9 | |
| | | 58.0 | 49.9 | 49.9 | 49.9 | 56.8 | 61.9 | 61.8 | 61.6 | 64.5 | 72.0 | 71.7 | 71.4 | 71.0 | 247 |
| | SYSTEM ENERGY DEMAND | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 400 |
| | FORM TARGET | 40.0 | 40.0 | 40.0 | 40.0 | 36.8 | 36.8 | 36.8 | 36.8 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | |
| | | 30.4 | 30.4 | 30.4 | 30.4 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | |
| | | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | |
| CONDARY | | 35.2 | 35.2 | 35.2 | 35.2 | 38.4 | 38.4 | 38.4 | 38.4 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 160 |
| | | 6.9 | 6.0 | 5.8 | 5.6 | 7.7 | 6.2 | 6.0 | 5.9 | 11.8 | 9.1 | 9.0 | 8.8 | 8.7 | |
| | | 6.7 | 6.4 | 6.1 | 5.7 | 13.9 | 10.6 | 0.0 | 0.0 | 5.3 | 4.7 | 5.8 | 7.1 | 3.2 | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 15.9 | 44.3 | 51.7 | 48.9 | 50.4 | 50.4 | 50.4 | 34.6 | 42.9 | |
| | MORTAGE | 14.0 | 14.7 | 14.7 | 14.7 | 18.4 | 23.5 | 23.4 | 23.2 | 29.3 | 36.8 | 36.5 | 36.2 | 35.8 | 88 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.9 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | -1.8 | -1.5 | -1.2 | -0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - | |

*** CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|-------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ITANA | RESERVOIR | 997.4 | 992.3 | 987.2 | 981.8 | 976.1 | 970.4 | 964.6 | 958.8 | 953.3 | 948.2 | 943.1 | 938.0 | 932.9 |
| | | 927.8 | 923.0 | 918.3 | 913.8 | 908.6 | 905.8 | 911.5 | 922.6 | 934.9 | 948.7 | 961.6 | 973.5 | 989.2 |
| | | 1008.3 | 1025.3 | 1041.2 | 1057.2 | 1073.5 | 1085.3 | 1093.2 | 1099.9 | 1103.4 | 1103.9 | 1102.5 | 1105.1 | 1104.9 |
| | | 1105.0 | 1104.7 | 1103.5 | 1101.7 | 1098.4 | 1094.4 | 1090.0 | 1085.3 | 1079.8 | 1072.9 | 1066.2 | 1059.3 | 1052.3 |
| | TOTAL CAPABILITY | 997.4 | 992.3 | 987.2 | 981.8 | 976.1 | 970.4 | 964.6 | 958.8 | 953.3 | 948.2 | 943.1 | 938.0 | 932.9 |
| | 927.8 | 923.0 | 918.3 | 913.8 | 908.6 | 905.8 | 911.5 | 922.6 | 934.9 | 948.7 | 961.6 | 973.5 | 989.2 | |
| | 1008.3 | 1025.3 | 1041.2 | 1057.2 | 1073.5 | 1085.3 | 1093.2 | 1099.9 | 1103.4 | 1103.9 | 1102.5 | 1105.1 | 1104.9 | |
| | 1105.0 | 1104.7 | 1103.5 | 1101.7 | 1098.4 | 1094.4 | 1090.0 | 1085.3 | 1079.8 | 1072.9 | 1066.2 | 1059.3 | 1052.3 | |

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WATANA 2185, 120' DRAWDOWN
6 UNITS, NO DEVIL CANYON

60% MIN. YEAR BASIS 4960 GWH(1999)
AREA ENV., OPERATION BY OPERATING GUIDE N-3

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*****WATANA

RESERVOIR, CALENDAR YEAR 1961 *****

| DATE ON WHICH WEEK BEGINS | WEEK | INFLOW (CFS) | TURBINE DISCHARGE (CFS) | ENV RELEASE (CFS) | EXCESS RELEASE (CFS) | RATE (%) | NONPOWER RELEASE (CFS) | EDW RES CONTENT (1000 AF) | EDW RES ELEV (FT) | TWEL (FT) | NET HEAD (FT) | PLANT EFF (%) | PLANT CAPBLTY (MW) | ENERGE (GW) |
|---------------------------|------|--------------|-------------------------|-------------------|----------------------|----------|------------------------|---------------------------|-------------------|-----------|---------------|---------------|--------------------|-------------|
| JAN | 1 | 2030. | 9727. | 0. | 0. | 100. | 0. | 8078.6 | 2146.4 | 1455.9 | 681.9 | 88.3 | 1089.6 | 83 |
| | 2 | 2018. | 9578. | 0. | 0. | 100. | 0. | 7973.6 | 2143.0 | 1455.8 | 678.6 | 88.3 | 1081.6 | 81 |
| | 3 | 2078. | 9578. | 0. | 0. | 100. | 0. | 7869.5 | 2139.7 | 1455.8 | 675.2 | 88.2 | 1073.8 | 81 |
| | 4 | 2102. | 9578. | 0. | 0. | 100. | 0. | 7765.6 | 2136.3 | 1455.8 | 671.9 | 88.2 | 1065.9 | 80 |
| | 5 | 1850. | 9378. | 0. | 0. | 100. | 0. | 7661.1 | 2132.9 | 1455.8 | 668.6 | 88.1 | 1058.3 | 78 |
| FEB | 4 | 1514. | 9112. | 0. | 0. | 100. | 0. | 7555.6 | 2129.5 | 1455.7 | 665.4 | 88.1 | 1050.6 | 76 |
| | 7 | 1490. | 9112. | 0. | 0. | 100. | 0. | 7449.7 | 2126.1 | 1455.7 | 662.0 | 88.0 | 1042.6 | 75 |
| | 8 | 1430. | 9112. | 0. | 0. | 100. | 0. | 7343.0 | 2122.6 | 1455.7 | 658.6 | 88.0 | 1034.6 | 75 |
| | 9 | 1358. | 8705. | 0. | 0. | 100. | 0. | 7241.0 | 2119.3 | 1455.5 | 655.5 | 87.9 | 1027.1 | 71 |
| MAR | 4 | 1261. | 8162. | 0. | 0. | 100. | 0. | 7145.1 | 2116.2 | 1455.3 | 652.5 | 87.9 | 1020.1 | 66 |
| | 11 | 1406. | 8162. | 0. | 0. | 100. | 0. | 7051.3 | 2113.2 | 1455.3 | 649.5 | 87.9 | 1013.0 | |
| | 12 | 1766. | 8162. | 0. | 0. | 100. | 0. | 6962.5 | 2110.3 | 1455.3 | 646.6 | 87.8 | 1006.1 | 60 |
| | 13 | 1766. | 8162. | 0. | 0. | 100. | 0. | 6873.7 | 2107.4 | 1455.3 | 643.7 | 87.8 | 999.6 | 65 |
| APR | 1 | 2102. | 6657. | 0. | 0. | 100. | 0. | 6810.4 | 2105.4 | 1454.7 | 641.9 | 87.7 | 995.3 | 53 |
| | 15 | 2102. | 6657. | 0. | 0. | 100. | 0. | 6747.1 | 2103.3 | 1454.7 | 639.0 | 87.7 | 990.6 | 53 |
| | 16 | 2318. | 6657. | 0. | 0. | 100. | 0. | 6686.9 | 2101.4 | 1454.7 | 637.9 | 87.7 | 986.1 | 53 |
| | 17 | 2355. | 6657. | 0. | 0. | 100. | 0. | 6627.1 | 2099.3 | 1454.7 | 635.9 | 87.7 | 981.6 | 52 |
| | 18 | 6079. | 6155. | 0. | 0. | 100. | 0. | 6626.1 | 2099.3 | 1454.6 | 635.1 | 87.6 | 979.7 | 48 |
| MAY | 6 | 10692. | 5954. | 0. | 0. | 100. | 0. | 6691.9 | 2101.5 | 1454.5 | 636.2 | 87.7 | 982.3 | 47 |
| | 20 | 18500. | 5954. | 0. | 0. | 100. | 0. | 6866.1 | 2107.2 | 1454.5 | 640.1 | 87.7 | 991.2 | 47 |
| | 21 | 17623. | 5954. | 0. | 0. | 100. | 0. | 7028.2 | 2112.4 | 1454.5 | 645.5 | 87.8 | 1003.6 | 48 |
| | 22 | 16662. | 5684. | 0. | 0. | 100. | 0. | 7180.7 | 2117.3 | 1454.4 | 650.6 | 87.9 | 1015.6 | 46 |
| JUN | 3 | 15953. | 6010. | 0. | 0. | 120. | 0. | 7318.7 | 2121.8 | 1454.5 | 655.1 | 87.9 | 1026.3 | 49 |
| | 24 | 26056. | 6010. | 0. | 0. | 120. | 0. | 7597.1 | 2130.8 | 1454.5 | 661.7 | 88.0 | 1042.0 | 49 |
| | 25 | 32555. | 6010. | 0. | 0. | 120. | 0. | 7965.0 | 2142.8 | 1454.5 | 672.1 | 88.2 | 1066.3 | 50 |
| | 26 | 27353. | 6010. | 0. | 0. | 120. | 0. | 8262.2 | 2152.0 | 1454.5 | 682.5 | 88.3 | 1091.0 | 51 |
| JUL | 1 | 19341. | 7314. | 0. | 0. | 140. | 0. | 8429.3 | 2156.6 | 1455.0 | 688.0 | 88.2 | 1106.1 | 63 |
| | 28 | 20302. | 7314. | 0. | 0. | 140. | 0. | 8609.6 | 2161.5 | 1455.0 | 693.5 | 88.2 | 1117.3 | 63 |
| | 29 | 21023. | 7314. | 0. | 0. | 140. | 0. | 8800.0 | 2166.7 | 1455.0 | 698.5 | 88.1 | 1129.3 | |
| | 30 | 21779. | 7314. | 0. | 0. | 140. | 0. | 9000.9 | 2172.2 | 1455.0 | 703.8 | 88.1 | 1142.1 | |
| | 31 | 21563. | 9502. | 0. | 0. | 112. | 0. | 9168.4 | 2176.8 | 1455.8 | 707.9 | 88.0 | 1152.3 | 84 |
| AUG | 5 | 21863. | 9445. | 0. | 0. | 87. | 0. | 9340.9 | 2181.5 | 1455.8 | 712.5 | 88.0 | 1163.5 | 84 |
| | 33 | 18668. | 9396. | 0. | 78. | 86. | 0. | 9468.6 | 2185.0 | 1455.8 | 716.5 | 87.9 | 1173.4 | 84 |
| | 34 | 17719. | 9400. | 0. | 8319. | 86. | 0. | 9468.6 | 2185.0 | 1457.9 | 716.2 | 87.9 | 1172.5 | 84 |
| | 35 | 13166. | 8282. | 0. | 4884. | 79. | 0. | 9468.6 | 2185.0 | 1456.8 | 717.3 | 87.9 | 1175.2 | 74 |
| SEP | 2 | 10451. | 8275. | 0. | 2176. | 98. | 0. | 9468.6 | 2185.0 | 1456.1 | 718.0 | 87.9 | 1176.8 | 74 |
| | 37 | 11057. | 8279. | 0. | 3578. | 98. | 0. | 9468.6 | 2185.0 | 1456.5 | 717.6 | 87.9 | 1176.0 | 74 |
| | 38 | 11292. | 8278. | 0. | 3014. | 98. | 0. | 9468.6 | 2185.0 | 1456.3 | 717.7 | 87.9 | 1176.3 | 74 |
| | 39 | 12998. | 7247. | 0. | 5751. | 86. | 0. | 9468.6 | 2185.0 | 1456.7 | 717.3 | 87.9 | 1175.3 | 74 |
| OCT | 1 | 8769. | 10109. | 0. | 0. | 140. | 0. | 9450.0 | 2184.5 | 1456.0 | 717.8 | 87.9 | 1176.4 | 90 |
| | 41 | 3860. | 8665. | 0. | 0. | 120. | 0. | 9383.4 | 2182.7 | 1455.5 | 717.2 | 87.9 | 1174.9 | 77 |
| | 42 | 3860. | 8665. | 0. | 0. | 120. | 0. | 9316.7 | 2180.8 | 1455.5 | 715.4 | 88.0 | 1170.5 | 77 |
| | 43 | 3860. | 8665. | 0. | 0. | 120. | 0. | 9250.1 | 2179.0 | 1455.5 | 713.6 | 88.0 | 1166.1 | 77 |
| | 44 | 2955. | 8239. | 0. | 0. | 100. | 0. | 9176.7 | 2177.0 | 1455.3 | 711.8 | 88.0 | 1161.9 | 73 |
| NOV | 5 | 2270. | 9003. | 0. | 0. | 100. | 0. | 9083.2 | 2174.5 | 1455.6 | 709.3 | 88.0 | 1155.7 | 80 |
| | 46 | 2270. | 9003. | 0. | 0. | 100. | 0. | 8989.7 | 2171.9 | 1455.6 | 706.0 | 88.0 | 1149.5 | 79 |

| | | | | | | | | | | | | | | |
|-------|----|-------|--------|----|------|------|----|--------|--------|--------|-------|------|--------|------|
| | 7 | 2270. | 9003. | 0. | 0. | 100. | 0. | 8896.2 | 2169.3 | 1455.6 | 704.3 | 88. | 1104.4 | 79 |
| | 48 | 2126. | 9465. | 0. | 0. | 100. | 0. | 8794.3 | 2166.6 | 1455.8 | 701.5 | 88.1 | 1105.5 | 83 |
| DEC 3 | 49 | 1766. | 10621. | 0. | 0. | 100. | 0. | 8671.3 | 2163.2 | 1456.2 | 698.1 | 88.1 | 1120.4 | 93 |
| | 50 | 1766. | 10621. | 0. | 0. | 100. | 0. | 8548.3 | 2159.8 | 1456.2 | 694.8 | 88.1 | 1120.4 | 92 |
| | 51 | 1766. | 10621. | 0. | 0. | 100. | 0. | 8425.3 | 2156.5 | 1456.2 | 691.5 | 88.2 | 1112.5 | 92 |
| | 52 | 1766. | 10621. | 0. | 0. | 100. | 0. | 8302.4 | 2153.1 | 1456.2 | 688.1 | 88.2 | 1104.6 | 91 |
| | | 8919. | 8222. | 0. | 535. | 105. | 0. | 8178.8 | 2147.4 | 1455.5 | 681.5 | 88.0 | 1089.5 | 3675 |

**CONFIDENTIAL; PRIVILEGED ATTORNEY-
CURRENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION**

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***** PRODUCTION SUMMARY, CALENDAR YEAR 1961 *****

ENERGY (GWH) ***

| | | | | | | | | | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ANA RESERVOIR | 83.4 | 81.7 | 81.3 | 80.8 | 78.7 | 76.1 | 75.6 | 75.2 | 71.5 | 66.7 | 66.3 | 66.0 | 65.7 | |
| | 53.4 | 53.2 | 53.0 | 52.0 | 48.8 | 47.3 | 47.6 | 48.1 | 46.3 | 49.3 | 49.9 | 50.7 | 51.6 | |
| | 63.3 | 63.7 | 64.1 | 64.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.2 | 91.8 | 367 |
| | 83.4 | 81.7 | 81.3 | 80.8 | 78.7 | 76.1 | 75.6 | 75.2 | 71.5 | 66.7 | 66.3 | 66.0 | 65.7 | |
| AL ENERGY PRODUCTION | 53.4 | 53.2 | 53.0 | 52.0 | 48.8 | 47.3 | 47.6 | 48.1 | 46.3 | 49.3 | 49.9 | 50.7 | 51.6 | |
| | 63.3 | 63.7 | 64.1 | 64.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.2 | 91.8 | 367 |
| | 83.4 | 81.7 | 81.3 | 80.8 | 78.7 | 76.1 | 75.6 | 75.2 | 71.5 | 66.7 | 66.3 | 66.0 | 65.7 | |
| | 53.4 | 53.2 | 53.0 | 52.0 | 48.8 | 47.3 | 47.6 | 48.1 | 46.3 | 49.3 | 49.9 | 50.7 | 51.6 | |
| TEM ENERGY DEMAND | 124.0 | 124.0 | 124.0 | 124.0 | 114.1 | 114.1 | 114.1 | 114.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | |
| | 94.2 | 94.2 | 94.2 | 94.2 | 89.3 | 89.3 | 89.3 | 89.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | |
| | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 109.1 | 109.1 | 109.1 | 109.1 | 119.0 | 119.0 | 119.0 | 119.0 | 109.1 | 109.1 | 109.1 | 109.1 | 109.1 | 496 |
| | 40.0 | 40.0 | 40.0 | 40.0 | 36.0 | 36.0 | 36.0 | 36.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | |
| M TARGET | 30.4 | 30.4 | 30.4 | 30.4 | 28.0 | 28.0 | 28.0 | 28.0 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | |
| | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | |
| | 35.2 | 35.2 | 35.2 | 35.2 | 38.4 | 38.4 | 38.4 | 38.4 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 160 |
| | 43.4 | 41.7 | 41.3 | 40.8 | 41.9 | 39.3 | 38.8 | 38.4 | 42.7 | 37.9 | 37.5 | 37.2 | 36.9 | |
| | 23.0 | 22.0 | 22.6 | 22.4 | 20.0 | 18.5 | 18.0 | 19.3 | 25.5 | 28.5 | 29.1 | 29.9 | 30.0 | |
| ONDARY | 36.1 | 36.5 | 36.9 | 37.4 | 57.1 | 57.1 | 57.1 | 57.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | |
| | 55.7 | 42.6 | 42.4 | 42.3 | 35.1 | 41.6 | 41.4 | 41.1 | 48.1 | 57.8 | 57.4 | 57.0 | 56.6 | 207 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| RTAGE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

CAPABILITY (MW) ***

| | | | | | | | | | | | | | | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| ANA RESERVOIR | 1089.6 | 1081.6 | 1073.8 | 1065.9 | 1058.3 | 1050.6 | 1042.6 | 1034.6 | 1027.1 | 1020.1 | 1013.0 | 1006.1 | 999.6 | |
| | 995.3 | 990.6 | 986.1 | 981.6 | 979.7 | 982.3 | 991.2 | 1003.6 | 1015.6 | 1026.3 | 1042.0 | 1066.3 | 1091.0 | |
| | 1106.1 | 1117.3 | 1129.3 | 1142.1 | 1152.3 | 1163.5 | 1173.4 | 1172.5 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | 1176.4 | 1174.9 | 1170.5 | 1166.1 | 1161.9 | 1155.7 | 1149.5 | 1143.4 | 1136.5 | 1128.4 | 1120.4 | 1112.5 | 1104.6 | |
| | 1089.6 | 1081.6 | 1073.8 | 1065.9 | 1058.3 | 1050.6 | 1042.6 | 1034.6 | 1027.1 | 1020.1 | 1013.0 | 1006.1 | 999.6 | |
| AL CAPABILITY | 995.3 | 990.6 | 986.1 | 981.6 | 979.7 | 982.3 | 991.2 | 1003.6 | 1015.6 | 1026.3 | 1042.0 | 1066.3 | 1091.0 | |
| | 1106.1 | 1117.3 | 1129.3 | 1142.1 | 1152.3 | 1163.5 | 1173.4 | 1172.5 | 1175.2 | 1176.8 | 1176.0 | 1176.3 | 1175.3 | |
| | 1176.4 | 1174.9 | 1170.5 | 1166.1 | 1161.9 | 1155.7 | 1149.5 | 1143.4 | 1136.5 | 1128.4 | 1120.4 | 1112.5 | 1104.6 | |
| | 1089.6 | 1081.6 | 1073.8 | 1065.9 | 1058.3 | 1050.6 | 1042.6 | 1034.6 | 1027.1 | 1020.1 | 1013.0 | 1006.1 | 999.6 | |
| | 995.3 | 990.6 | 986.1 | 981.6 | 979.7 | 982.3 | 991.2 | 1003.6 | 1015.6 | 1026.3 | 1042.0 | 1066.3 | 1091.0 | |

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 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | | |
|----|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 10 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 6529.6 | 4897.2 | 4897.2 | 4897.2 |
| | 4877.0 | 4875.0 | 4865.0 | 4839.0 | 5632.0 | 4726.0 | 3825.0 | 3741.0 | 3410.2 | 3279.0 | 4006.4 | 4006.4 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9671.8 | 9628.6 | 9597.0 | 8456.1 | 8461.2 | 8469.5 | 8467.0 | 7415.5 |
| | 7221.0 | 5776.8 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 | 8496.8 |
| 11 | 7781.6 | 7662.4 | 7662.4 | 7662.4 | 7502.6 | 7289.6 | 7289.6 | 5467.2 | 5222.9 | 4897.2 | 4897.2 | 4897.2 | 4897.2 |
| | 4877.0 | 4842.0 | 4756.0 | 4577.0 | 5021.0 | 3572.4 | 3572.4 | 4763.2 | 4547.0 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9647.0 | 9619.9 | 9591.5 | 8419.0 | 8357.8 | 8312.2 | 8284.8 | 7253.0 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 12 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5671.0 | 5286.0 | 4547.0 | 4006.4 | 4006.4 | 4006.4 | 5008.0 |
| | 5224.0 | 6268.8 | 6268.8 | 6268.8 | 9607.5 | 9528.9 | 9485.5 | 9462.9 | 8331.4 | 8305.8 | 8294.4 | 8284.3 | 7244.4 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12455.5 | 12524.4 | 12595.8 | 12666.8 |
| 13 | 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 6529.6 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 4923.9 | 4763.2 | 4763.2 | 5954.0 | 6820.5 | 6009.6 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9583.0 | 9534.0 | 9501.1 | 9475.7 | 8326.5 | 8295.5 | 8283.8 | 8279.4 | 7240.9 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 14 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 4927.0 | 4763.2 | 4763.2 | 4763.2 | 5683.7 | 6009.6 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9613.3 | 9548.9 | 9499.0 | 9449.4 | 8289.6 | 8283.9 | 8278.8 | 8276.7 | 7233.2 |
| | 10109.4 | 8665.2 | 8665.2 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 15 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| | 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9568.7 | 9527.7 | 9489.0 | 9440.4 | 8325.2 | 8291.3 | 8281.1 | 8274.9 | 7237.3 |
| | 10109.4 | 8665.2 | 8665.2 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 16 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 6529.6 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5600.0 | 4763.2 | 4763.2 | 4763.2 | 5683.7 | 5008.0 | 6009.6 | 7011.2 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 7313.6 | 9423.6 | 9413.9 | 9412.7 | 9399.5 | 8287.8 | 8283.2 | 8297.4 | 8296.2 | 7247.8 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 12462.5 | 12528.1 | 12597.2 | 12667.2 |
| 17 | 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5457.0 | 5084.0 | 4763.2 | 4763.2 | 4547.0 | 5008.0 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9549.3 | 9511.5 | 9474.0 | 9440.2 | 8294.6 | 8288.5 | 8293.5 | 8292.2 | 7259.5 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12434.7 | 12491.2 | 12552.8 | 12620.2 |
| 18 | 11672.4 | 11493.6 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9530.7 | 9480.9 | 9452.0 | 8335.0 | 8344.3 | 8358.5 | 8363.1 | 7321.0 |
| | 7221.0 | 7221.0 | 7221.0 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 19 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 7502.6 | 7289.6 | 7289.6 | 7289.6 | 6963.9 | 6529.6 | 6529.6 | 4897.2 | 4897.2 |
| | 4841.0 | 4841.0 | 4772.0 | 4761.0 | 5546.0 | 5277.0 | 3572.4 | 3572.4 | 4547.0 | 5008.0 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9592.1 | 9552.9 | 9513.7 | 9440.6 | 8306.4 | 8306.4 | 8280.6 | 8271.7 | 7240.1 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 10803.6 | 11358.3 | 12473.4 | 12540.0 | 12608.9 | 12677.5 |
| 20 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5008.0 | 4791.0 | 4763.2 | 4763.2 | 4547.0 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9664.9 | 9614.4 | 9571.7 | 8405.6 | 8376.2 | 8328.7 | 8288.7 | 7250.8 |
| | 10535.0 | 10109.4 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12482.8 | 12546.1 | 12612.5 | 12679.7 |
| 21 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 6009.6 | 6009.6 | 6009.6 | 6009.6 |
| | 7313.6 | 7313.6 | 7313.6 | 7313.6 | 9501.6 | 9445.1 | 9395.8 | 9400.3 | 8282.5 | 8275.3 | 8279.0 | 8277.6 | 7246.8 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 22 | 9727.0 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 6009.6 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 9408.1 | 9412.9 | 9405.2 | 9405.2 | 9405.2 | 8299.6 | 8300.0 | 8280.8 | 8274.5 | 7243.7 |

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 WORK PRODUCT PREPARED IN PARTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | | |
|---|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 3 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5576.0 | 5459.0 | 4763.2 | 4763.2 | 4547.0 | 5008.0 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.0 | 7313.6 | 7313.6 | 9415.1 | 9410.6 | 9402.2 | 9405.4 | 8291.0 | 8281.3 | 8277.8 | 8270.7 | 7237.3 |
| | 10109.4 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 4 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5862.0 | 5834.0 | 5777.0 | 4547.0 | 4006.4 | 5008.0 | 6009.6 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 9418.1 | 9389.9 | 9385.4 | 9387.9 | 8277.9 | 8276.0 | 8283.6 | 8281.9 | 7243.1 |
| | 8665.2 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 5 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5680.0 | 5143.0 | 4763.2 | 4763.2 | 4547.0 | 4006.4 | 5008.0 | 5008.0 | 5008.0 |
| | 6268.0 | 6268.0 | 6268.0 | 9540.8 | 9503.0 | 9449.5 | 9394.9 | 8278.2 | 8284.3 | 8293.6 | 8289.7 | 7265.3 |
| | 12145.0 | 10109.4 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 6 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 6009.6 | 6009.6 |
| | 6268.0 | 6268.0 | 6268.0 | 9657.1 | 9600.7 | 9562.9 | 9525.3 | 8370.1 | 8358.9 | 8356.3 | 8344.5 | 7291.4 |
| | 7221.0 | 7221.0 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 7 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 7289.6 | 6963.9 | 6529.6 | 6529.6 | 6529.6 | 4897.2 |
| | 4825.0 | 4825.0 | 4820.0 | 4793.0 | 5723.0 | 5216.0 | 3572.4 | 4547.0 | 5008.0 | 6009.6 | 6009.6 | 6009.6 |
| | 6268.0 | 6268.0 | 6268.0 | 7313.6 | 9472.0 | 9415.5 | 9428.2 | 9413.9 | 8293.4 | 8306.4 | 8285.8 | 8275.4 |
| | 10109.4 | 8665.2 | 8665.2 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 8 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 6009.6 | 6009.6 | 6009.6 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 9458.4 | 9420.0 | 9392.2 | 9384.4 | 8277.6 | 8276.2 | 8279.0 | 3277.6 | 7247.1 |
| | 8665.2 | 7221.0 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| 9 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| | 4848.0 | 4820.0 | 4766.0 | 4668.0 | 5459.0 | 5043.0 | 4181.0 | 3572.4 | 4008.0 | 3964.0 | 3405.0 | 3418.0 |
| | 3784.0 | 3195.0 | 3134.4 | 3591.0 | 6010.0 | 9727.0 | 9878.2 | 9917.1 | 8790.2 | 8828.8 | 8868.8 | 7388.0 |
| | 4373.0 | 4410.0 | 4483.0 | 4651.0 | 4943.6 | 5401.8 | 5401.8 | 5401.8 | 5679.2 | 6372.6 | 6372.6 | 6372.6 |
| 0 | 5836.2 | 5746.8 | 5746.8 | 5746.8 | 5627.0 | 5467.2 | 5467.2 | 5467.2 | 5222.9 | 4897.2 | 4897.2 | 4897.2 |
| | 4865.0 | 4851.0 | 4830.0 | 4793.0 | 5691.0 | 5266.0 | 3572.4 | 3652.0 | 3410.2 | 3300.0 | 3396.0 | 3534.0 |
| | 3134.4 | 3134.4 | 3134.4 | 3134.4 | 5078.1 | 8362.0 | 9189.0 | 8823.0 | 8611.7 | 8609.2 | 8616.0 | 6773.6 |
| | 5776.8 | 5776.8 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 |
| 1 | 7781.6 | 7662.4 | 7662.4 | 7662.4 | 5627.0 | 5467.2 | 5467.2 | 5467.2 | 5222.9 | 4897.2 | 4897.2 | 4897.2 |
| | 4847.0 | 4841.0 | 4827.0 | 4807.0 | 5768.0 | 5698.0 | 5555.0 | 5214.0 | 4614.0 | 3004.8 | 3004.8 | 4006.4 |
| | 5224.0 | 5224.0 | 5224.0 | 6268.0 | 9650.7 | 9558.0 | 9436.4 | 9408.0 | 8298.9 | 8298.4 | 8280.1 | 8711.3 |
| | 10109.4 | 8665.2 | 8665.2 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 11358.3 | 12471.4 | 12535.9 | 12603.1 | 12670.5 |
| 2 | 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 |
| | 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 6009.6 | 7011.2 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 7313.6 | 9407.1 | 9399.6 | 9397.5 | 9399.2 | 8278.3 | 8277.0 | 8287.7 | 8277.2 |
| | 8665.2 | 8665.2 | 7221.0 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 |
| 3 | 9727.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 6529.6 |
| | 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5777.0 | 5572.0 | 4763.2 | 4763.2 | 4547.0 | 4006.4 | 4006.4 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9704.6 | 9674.5 | 9642.8 | 8462.1 | 8443.5 | 8449.9 | 8452.8 |
| | 7221.0 | 7221.0 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 |
| 4 | 7781.6 | 7662.4 | 7662.4 | 7662.4 | 7502.6 | 7289.6 | 7289.6 | 7289.6 | 5222.9 | 4897.2 | 4897.2 | 4897.2 |
| | 4889.0 | 4884.0 | 4860.0 | 4777.0 | 5591.0 | 4952.0 | 4045.0 | 3572.4 | 4547.0 | 5008.0 | 5008.0 | 5008.0 |
| | 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9746.0 | 9722.2 | 9712.8 | 8554.7 | 8534.3 | 8534.3 | 8467.0 |
| | 5776.8 | 5776.8 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 |
| 5 | 7781.6 | 7662.4 | 7662.4 | 7662.4 | 7502.6 | 7289.6 | 7289.6 | 5467.2 | 5222.9 | 4897.2 | 4897.2 | 4897.2 |
| | 4777.0 | 4775.0 | 4754.0 | 4709.0 | 5548.0 | 4909.0 | 3603.0 | 3572.4 | 4547.0 | 5008.0 | 6009.6 | 7011.2 |
| | 7313.6 | 7313.6 | 7313.6 | 7313.6 | 9415.0 | 9393.9 | 9394.2 | 9388.7 | 8279.2 | 8275.0 | 8291.6 | 8289.0 |
| | 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9087.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12502.3 | 12576.4 | 10621.0 |

| | | | | | | | | | | | | |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9727.6 | 9577.3 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 94.9 | 8162.0 | 6529.6 | 6529.6 | 4897.2 |
| 4857.0 | 4890.0 | 4814.0 | 4689.0 | 5211.0 | 3782.0 | 3868.0 | 3771.0 | 47.0 | 4006.4 | 5008.0 | 6009.6 | 6009.6 |
| 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9725.5 | 9671.6 | 9620.3 | 9593.2 | 8460.7 | 8472.9 | 8494.3 | 8467.0 | 7444.8 |
| 5776.8 | 5776.8 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 | 8496.8 |
| 7781.6 | 7662.4 | 7662.4 | 7662.4 | 7502.6 | 7289.6 | 7289.6 | 7289.6 | 6963.9 | 6529.6 | 6529.6 | 6529.6 | 6529.6 |
| 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5687.0 | 5450.0 | 4763.2 | 4763.2 | 4547.0 | 4006.4 | 5008.0 | 6009.6 | 7011.2 |
| 7313.6 | 7313.6 | 7313.6 | 7313.6 | 9469.3 | 9428.5 | 9393.1 | 9396.6 | 8275.5 | 8278.3 | 8279.3 | 8279.0 | 7243.1 |
| 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12465.0 | 12528.8 | 12595.4 | 12662.4 |
| 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| 5224.0 | 5224.0 | 5224.0 | 5224.0 | 8463.4 | 9772.4 | 9744.0 | 9724.5 | 8579.3 | 8583.6 | 8589.8 | 6931.0 | 6773.6 |
| 5776.8 | 5776.8 | 5776.8 | 5776.8 | 6591.4 | 7202.4 | 7202.4 | 7202.4 | 7572.2 | 8496.8 | 8496.8 | 8496.8 | 8496.8 |
| 7781.6 | 7662.4 | 7662.4 | 5746.0 | 5627.0 | 5467.2 | 5467.2 | 5467.2 | 5222.9 | 4897.2 | 4897.2 | 4897.2 | 4897.2 |
| 4809.0 | 4800.0 | 4779.0 | 4723.0 | 5564.0 | 5182.0 | 4891.0 | 3572.4 | 3410.2 | 4006.4 | 5008.0 | 5008.0 | 5008.0 |
| 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9533.9 | 9477.7 | 9434.4 | 9406.2 | 8283.9 | 8285.6 | 8296.4 | 8287.8 | 7236.7 |
| 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12455.7 | 12519.9 | 12587.7 | 12656.2 |
| 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| 5325.6 | 5325.6 | 5325.6 | 5325.6 | 5341.0 | 4763.2 | 4763.2 | 4763.2 | 4547.0 | 4006.4 | 5008.0 | 6009.6 | 6009.6 |
| 6268.8 | 6268.8 | 7313.6 | 7313.6 | 9432.0 | 9403.2 | 9402.5 | 9397.4 | 8279.8 | 8277.8 | 8281.8 | 8288.5 | 7244.3 |
| 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12461.4 | 12528.6 | 12599.8 | 12671.2 |
| 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| 5224.0 | 5224.0 | 6268.8 | 6268.8 | 9480.8 | 9429.9 | 9413.9 | 9413.9 | 8303.1 | 8287.6 | 8279.9 | 8274.6 | 7238.1 |
| 10109.4 | 8665.2 | 8665.2 | 8665.2 | 9887.1 | 10803.6 | 10803.6 | 10803.6 | 11358.3 | 12466.4 | 12531.5 | 12599.5 | 12667.4 |
| 11672.4 | 9578.0 | 9578.0 | 9578.0 | 9378.3 | 9112.0 | 9112.0 | 9112.0 | 8704.9 | 8162.0 | 8162.0 | 8162.0 | 8162.0 |
| 6657.0 | 6657.0 | 6657.0 | 6657.0 | 6154.9 | 5954.0 | 5954.0 | 5954.0 | 5683.7 | 5008.0 | 5008.0 | 5008.0 | 5008.0 |
| 6268.8 | 6268.8 | 6268.8 | 6268.8 | 9623.7 | 9588.9 | 9573.0 | 9567.1 | 8435.1 | 8428.2 | 8412.9 | 8370.5 | 7281.9 |
| 7221.0 | 8665.2 | 7221.0 | 7221.0 | 8239.3 | 9003.0 | 9003.0 | 9003.0 | 9465.3 | 10621.0 | 10621.0 | 10621.0 | 10621.0 |
| | | | | | | | | | | | | |
| 9727.0 | 9171.7 | 9113.6 | 9055.6 | 8753.1 | 8504.5 | 8504.5 | 8338.9 | 7860.7 | 7321.1 | 7172.7 | 7024.3 | 6678.0 |
| 5609.7 | 5606.4 | 5595.5 | 5574.1 | 5707.8 | 5318.3 | 4911.4 | 4901.0 | 4913.8 | 4720.5 | 5123.0 | 5332.2 | 5597.2 |
| 6035.2 | 6080.7 | 6142.2 | 6282.8 | 9057.1 | 9496.5 | 9497.4 | 9467.6 | 8364.6 | 8358.6 | 8356.9 | 8196.6 | 7162.6 |
| 8916.1 | 8011.1 | 7794.5 | 7668.3 | 8239.3 | 9003.0 | 9003.0 | 9112.1 | 9637.4 | 10777.3 | 10801.1 | 10764.5 | 10787.5 |

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 OF LITIGATION; RESTRICTED DISTRIBUTION

MINIMUM POST-PROJECT FLOWS AT GOLD CREEK

5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000.
 5000. 5000. 5000. 5000. 6000. 6000. 6000. 6000. 6000. 6000. 6000. 6000. 6000. 6000.
 6000. 6000. 6000. 6000. 8140. 12000. 12000. 12000. 12000. 12000. 12000. 8140. 6000.
 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000. 5000.

NSD FORECAST, YEAR 1999 ANNUAL ENERGY DEMAND = 4960. GWH.

ENERGY GENERATION CRITERIA

SYSTEM ENERGY DEMAND, GWH

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 124. | 124. | 124. | 124. | 114. | 114. | 114. | 114. | 89. | 89. | 89. | 89. | 89. |
| 94. | 94. | 94. | 94. | 89. | 89. | 89. | 89. | 64. | 64. | 64. | 64. | 64. |
| 84. | 84. | 84. | 84. | 84. | 84. | 84. | 84. | 74. | 74. | 74. | 74. | 74. |
| 109. | 109. | 109. | 109. | 119. | 119. | 119. | 119. | 109. | 109. | 109. | 109. | 109. |

WEEKLY GENERATION FROM OTHER SOURCES, GWH

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

ADJUSTED SYSTEM ENERGY DEMAND, GWH

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 124. | 124. | 124. | 124. | 114. | 114. | 114. | 114. | 89. | 89. | 89. | 89. | 89. |
| 94. | 94. | 94. | 94. | 89. | 89. | 89. | 89. | 64. | 64. | 64. | 64. | 64. |
| 84. | 84. | 84. | 84. | 84. | 84. | 84. | 84. | 74. | 74. | 74. | 74. | 74. |
| 109. | 109. | 109. | 109. | 119. | 119. | 119. | 119. | 109. | 109. | 109. | 109. | 109. |

WEEKLY GENERATION, PERCENT OF ANNUAL

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.025 | 0.025 | 0.025 | 0.025 | 0.023 | 0.023 | 0.023 | 0.023 | 0.018 | 0.018 | 0.018 | 0.018 | 0.018 |
| 0.019 | 0.019 | 0.019 | 0.019 | 0.018 | 0.018 | 0.018 | 0.018 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.015 | 0.015 | 0.015 | 0.015 | 0.015 |
| 0.022 | 0.022 | 0.022 | 0.022 | 0.024 | 0.024 | 0.024 | 0.024 | 0.022 | 0.022 | 0.022 | 0.022 | 0.022 |

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 OF LITIGATION; RESTRICTED DISTRIBUTION

ENERGY FROM RESERVOIR 1 (GLWH)

| | | | | | | | | | | | | | | |
|-----|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| 950 | 83.0 | 81.2 | 80.7 | 80.2 | 78.0 | 75.3 | 74.9 | 74.4 | 70.6 | 52.8 | 39.5 | 39.3 | 39.2 | |
| | 38.9 | 38.8 | 38.6 | 38.2 | 44.3 | 37.2 | 30.2 | 29.8 | 27.3 | 26.5 | 32.7 | 33.0 | 41.7 | |
| | 43.8 | 44.2 | 44.7 | 45.1 | 73.4 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 63.3 | 50.6 | 50.6 | 50.5 | 57.5 | 62.6 | 62.4 | 62.2 | 65.2 | 72.8 | 72.5 | 72.1 | 71.7 | 3016.3 |
| 951 | 65.3 | 64.0 | 63.7 | 63.4 | 61.7 | 59.7 | 59.4 | 44.4 | 42.3 | 39.5 | 39.4 | 39.3 | 39.1 | |
| | 38.8 | 38.4 | 37.6 | 36.1 | 39.6 | 28.3 | 28.6 | 38.3 | 36.8 | 40.9 | 41.4 | 41.7 | 42.0 | |
| | 44.2 | 44.6 | 45.0 | 45.3 | 73.7 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.7 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.2 | 91.7 | 3137.0 |
| 952 | 83.7 | 82.0 | 81.5 | 81.1 | 78.9 | 76.2 | 75.7 | 75.3 | 71.5 | 66.7 | 66.3 | 65.9 | 65.6 | |
| | 53.3 | 53.0 | 52.8 | 52.5 | 48.3 | 46.5 | 44.1 | 41.1 | 35.5 | 31.7 | 32.3 | 32.9 | 42.0 | |
| | 44.4 | 53.8 | 54.2 | 54.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.9 | 77.8 | 80.5 | 96.3 | 96.0 | 95.6 | 100.0 | 109.1 | 109.1 | 109.1 | 109.1 | 3690.0 |
| 953 | 100.0 | 81.6 | 81.1 | 80.6 | 78.4 | 75.7 | 75.2 | 74.8 | 71.0 | 66.2 | 65.8 | 65.8 | 65.8 | |
| | 42.5 | 42.3 | 42.2 | 42.0 | 38.9 | 37.9 | 38.2 | 48.1 | 55.7 | 49.7 | 50.4 | 51.0 | 51.5 | |
| | 54.1 | 54.4 | 54.6 | 54.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.6 | 77.5 | 73.5 | 80.0 | 79.7 | 79.4 | 83.2 | 92.9 | 92.4 | 92.0 | 91.6 | 3561.1 |
| 954 | 83.5 | 81.8 | 81.3 | 80.8 | 78.6 | 75.9 | 75.5 | 75.0 | 71.2 | 66.4 | 66.1 | 65.7 | 65.7 | |
| | 42.6 | 42.4 | 42.3 | 42.1 | 38.9 | 37.7 | 38.0 | 38.4 | 46.2 | 49.4 | 49.9 | 50.5 | 51.1 | |
| | 53.8 | 54.2 | 54.5 | 54.7 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.7 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.2 | 91.8 | 3526.4 |
| 955 | 83.7 | 82.1 | 81.7 | 81.2 | 79.0 | 76.3 | 75.9 | 75.4 | 71.7 | 66.9 | 66.5 | 66.1 | 65.8 | |
| | 53.4 | 53.2 | 53.0 | 52.7 | 48.6 | 46.9 | 46.8 | 46.9 | 45.1 | 40.1 | 40.6 | 41.4 | 42.1 | |
| | 53.6 | 54.2 | 54.6 | 55.0 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.7 | 77.6 | 77.5 | 73.4 | 79.9 | 79.7 | 79.4 | 83.1 | 92.8 | 92.3 | 91.9 | 91.5 | 3584.5 |
| 956 | 83.4 | 81.6 | 81.1 | 80.6 | 78.4 | 75.7 | 75.3 | 74.8 | 71.0 | 66.3 | 65.9 | 65.5 | 65.3 | |
| | 42.5 | 42.4 | 42.2 | 42.0 | 44.0 | 37.5 | 37.7 | 38.2 | 46.2 | 41.2 | 50.4 | 59.9 | 60.5 | |
| | 63.7 | 64.3 | 64.9 | 65.5 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 109.1 | 109.1 | 109.1 | 109.1 | 3647.4 |
| 957 | 100.0 | 81.6 | 81.2 | 80.7 | 78.5 | 75.9 | 75.4 | 75.0 | 71.2 | 66.5 | 66.1 | 65.7 | 65.4 | |
| | 42.6 | 42.5 | 42.3 | 42.2 | 43.1 | 40.1 | 37.6 | 37.9 | 36.6 | 41.1 | 50.2 | 50.9 | 51.4 | |
| | 54.0 | 54.4 | 54.7 | 55.1 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.8 | 77.7 | 80.5 | 96.4 | 96.0 | 95.6 | 100.1 | 109.1 | 109.1 | 109.1 | 109.1 | 3693.5 |
| 958 | 100.4 | 98.4 | 81.5 | 81.1 | 78.9 | 76.2 | 75.8 | 75.3 | 71.6 | 66.8 | 66.4 | 66.0 | 65.7 | |
| | 53.4 | 53.1 | 52.9 | 52.7 | 48.5 | 46.9 | 47.0 | 47.3 | 45.6 | 40.7 | 41.2 | 41.8 | 42.2 | |
| | 44.5 | 44.8 | 45.2 | 45.5 | 74.2 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 64.2 | 64.1 | 64.0 | 63.9 | 72.7 | 79.1 | 78.9 | 78.6 | 82.3 | 91.9 | 91.4 | 90.9 | 90.4 | 3508.8 |
| 959 | 82.3 | 80.5 | 80.0 | 79.5 | 62.0 | 60.0 | 59.7 | 59.5 | 56.5 | 52.8 | 52.6 | 39.3 | 39.2 | |
| | 38.6 | 38.5 | 37.8 | 37.6 | 43.7 | 41.5 | 28.2 | 28.6 | 36.9 | 41.1 | 49.8 | 50.2 | 50.8 | |
| | 53.6 | 54.1 | 54.5 | 54.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.7 | 77.6 | 73.6 | 80.1 | 79.9 | 95.4 | 99.9 | 109.1 | 109.1 | 109.1 | 109.1 | 3443.0 |
| 960 | 83.4 | 81.7 | 81.2 | 80.7 | 78.6 | 75.9 | 75.5 | 75.0 | 71.3 | 66.5 | 66.1 | 65.8 | 65.4 | |
| | 42.6 | 42.4 | 42.3 | 42.1 | 40.0 | 37.9 | 37.8 | 38.1 | 36.8 | 40.9 | 41.1 | 41.4 | 41.6 | |
| | 43.8 | 44.2 | 44.5 | 44.9 | 73.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 94.7 | 90.0 | 77.8 | 77.7 | 80.3 | 96.1 | 95.7 | 95.4 | 99.8 | 109.1 | 109.1 | 109.1 | 109.1 | 3621.0 |
| 961 | 83.4 | 81.7 | 81.3 | 80.8 | 78.7 | 76.1 | 75.6 | 75.2 | 71.5 | 66.7 | 66.3 | 66.0 | 65.7 | |
| | 53.4 | 53.2 | 53.0 | 52.8 | 48.8 | 47.3 | 47.6 | 48.1 | 46.3 | 49.3 | 49.9 | 50.7 | 51.6 | |
| | 63.3 | 63.7 | 64.1 | 64.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.8 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.2 | 91.8 | 3675.4 |
| 962 | 83.8 | 82.1 | 81.7 | 81.2 | 79.1 | 76.4 | 76.0 | 75.5 | 71.8 | 66.9 | 66.6 | 66.2 | 65.9 | |
| | 53.5 | 53.3 | 53.1 | 52.9 | 48.8 | 47.1 | 47.1 | 47.4 | 45.7 | 40.9 | 41.9 | 51.6 | 61.2 | |
| | 64.4 | 64.9 | 65.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |

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| | | | | | | | | | | | | | |
|-----|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| 963 | 83.4 | 81.6 | 81.2 | 80.7 | 78.5 | 75.9 | 75.4 | 75.0 | 71.2 | 66.4 | 66.1 | 65.7 | 52.4 |
| | 42.6 | 42.4 | 42.3 | 42.1 | 43.9 | 42.9 | 37.6 | 38.1 | 37.0 | 41.4 | 50.3 | 50.8 | 51.4 |
| | 54.2 | 63.9 | 64.7 | 65.4 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.8 | 77.8 | 77.7 | 77.6 | 73.6 | 80.1 | 79.8 | 79.6 | 83.3 | 93.1 | 92.6 | 92.2 | 91.8 |
| 964 | 83.7 | 82.0 | 81.5 | 81.0 | 78.8 | 76.1 | 75.6 | 75.2 | 71.4 | 66.6 | 66.2 | 65.8 | 65.4 |
| | 42.6 | 42.4 | 42.3 | 42.1 | 46.1 | 45.7 | 45.0 | 42.8 | 35.6 | 32.4 | 42.0 | 51.6 | 61.0 |
| | 64.1 | 64.6 | 65.0 | 65.3 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 77.8 | 77.7 | 77.6 | 77.5 | 73.5 | 80.0 | 79.8 | 79.5 | 83.3 | 93.0 | 92.6 | 92.1 | 91.7 |
| 965 | 83.6 | 81.9 | 81.4 | 80.9 | 78.7 | 76.0 | 75.5 | 75.0 | 71.3 | 66.5 | 66.1 | 65.7 | 52.4 |
| | 42.6 | 42.4 | 42.3 | 42.1 | 44.8 | 40.5 | 37.5 | 37.7 | 36.5 | 32.6 | 41.2 | 41.7 | 42.2 |
| | 53.6 | 54.2 | 54.7 | 55.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 109.1 | 90.8 | 77.8 | 77.5 | 73.5 | 80.1 | 79.8 | 79.5 | 83.2 | 93.0 | 92.5 | 92.1 | 91.7 |
| 966 | 83.6 | 81.9 | 81.4 | 80.9 | 78.8 | 76.1 | 75.7 | 75.2 | 71.4 | 66.6 | 66.3 | 65.9 | 65.6 |
| | 53.3 | 53.1 | 52.9 | 52.6 | 48.5 | 46.8 | 46.7 | 46.8 | 45.1 | 40.5 | 41.4 | 50.4 | 51.0 |
| | 53.7 | 53.9 | 54.2 | 54.5 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 64.5 | 64.4 | 64.3 | 64.1 | 72.9 | 79.4 | 79.1 | 78.8 | 82.5 | 92.1 | 91.7 | 91.2 | 90.7 |
| 967 | 82.6 | 80.8 | 80.3 | 79.8 | 77.7 | 75.1 | 74.6 | 59.5 | 56.6 | 52.8 | 52.6 | 52.4 | 39.2 |
| | 38.5 | 38.4 | 38.2 | 37.9 | 45.0 | 40.9 | 28.2 | 28.5 | 36.8 | 41.1 | 50.0 | 50.8 | 51.4 |
| | 54.1 | 54.4 | 54.9 | 64.6 | 84.3 | 84.3 | 84.0 | 84.2 | 74.4 | 74.3 | 74.4 | 74.4 | 74.4 |
| | 90.8 | 77.7 | 77.6 | 64.5 | 73.4 | 79.9 | 79.7 | 79.4 | 83.2 | 92.9 | 92.5 | 92.1 | 91.6 |
| 968 | 83.6 | 81.9 | 81.5 | 81.0 | 78.9 | 76.2 | 75.8 | 75.4 | 71.6 | 66.9 | 66.5 | 66.2 | 65.9 |
| | 53.5 | 53.3 | 53.1 | 52.9 | 48.8 | 47.0 | 47.0 | 47.6 | 46.1 | 49.4 | 50.1 | 51.1 | 60.3 |
| | 63.5 | 64.0 | 64.5 | 64.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 77.7 | 64.6 | 64.5 | 64.4 | 73.2 | 79.7 | 79.4 | 79.1 | 82.8 | 92.5 | 92.0 | 91.6 | 91.1 |
| 969 | 82.9 | 81.1 | 80.6 | 80.1 | 77.9 | 75.2 | 74.7 | 74.3 | 56.5 | 52.8 | 39.5 | 39.3 | 39.2 |
| | 38.7 | 38.3 | 37.8 | 36.9 | 43.1 | 39.7 | 33.0 | 28.4 | 32.7 | 32.0 | 27.6 | 25.8 | 28.2 |
| | 31.4 | 26.7 | 26.5 | 30.5 | 51.3 | 83.1 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 61.9 | 50.5 |
| | 36.6 | 36.9 | 37.4 | 38.8 | 41.1 | 44.8 | 44.6 | 44.5 | 46.6 | 52.0 | 51.8 | 51.6 | 51.4 |
| 970 | 46.9 | 46.0 | 45.8 | 45.6 | 44.5 | 43.0 | 42.8 | 42.7 | 40.6 | 37.9 | 37.8 | 37.6 | 37.5 |
| | 37.1 | 36.8 | 36.5 | 36.1 | 42.7 | 39.4 | 26.9 | 27.7 | 26.1 | 25.5 | 26.6 | 27.9 | 24.0 |
| | 25.4 | 25.7 | 26.0 | 26.3 | 43.1 | 71.5 | 78.9 | 76.1 | 74.4 | 74.4 | 74.4 | 58.6 | 66.9 |
| | 50.0 | 49.9 | 49.9 | 49.9 | 56.8 | 61.9 | 61.8 | 61.6 | 64.5 | 72.0 | 71.7 | 71.4 | 71.0 |
| 971 | 64.7 | 63.5 | 63.2 | 62.8 | 46.0 | 44.6 | 44.4 | 44.3 | 42.1 | 39.4 | 39.3 | 39.1 | 39.0 |
| | 38.5 | 38.3 | 38.1 | 37.8 | 45.1 | 44.4 | 43.1 | 40.4 | 35.8 | 23.5 | 24.1 | 24.6 | 33.4 |
| | 44.3 | 44.8 | 45.2 | 54.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.8 | 77.8 | 77.6 | 77.5 | 73.5 | 80.1 | 79.8 | 79.6 | 99.9 | 109.1 | 109.1 | 109.1 | 109.1 |
| 972 | 100.0 | 81.7 | 81.2 | 80.7 | 78.6 | 76.0 | 75.6 | 75.2 | 71.4 | 66.7 | 66.3 | 66.0 | 65.7 |
| | 53.4 | 53.2 | 52.9 | 52.7 | 48.6 | 47.1 | 47.5 | 48.0 | 46.7 | 50.2 | 59.5 | 60.5 | 61.1 |
| | 64.2 | 64.6 | 65.1 | 65.4 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 77.8 | 77.6 | 64.6 | 64.5 | 73.5 | 80.0 | 79.7 | 79.4 | 83.2 | 92.9 | 92.5 | 92.0 | 91.6 |
| 973 | 83.5 | 81.8 | 81.3 | 80.8 | 78.6 | 75.9 | 75.5 | 75.0 | 71.3 | 66.5 | 66.1 | 65.7 | 52.4 |
| | 42.6 | 42.4 | 42.3 | 42.1 | 45.5 | 43.7 | 37.4 | 37.5 | 36.1 | 32.1 | 32.5 | 33.2 | 42.1 |
| | 44.3 | 44.7 | 45.0 | 45.2 | 73.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 63.5 | 63.4 | 50.7 | 50.6 | 57.6 | 62.7 | 62.5 | 62.3 | 65.3 | 73.0 | 72.6 | 72.2 | 71.8 |
| 974 | 65.5 | 64.1 | 63.8 | 63.5 | 61.9 | 59.8 | 59.5 | 59.2 | 42.3 | 39.5 | 39.4 | 39.3 | 39.2 |
| | 39.0 | 38.8 | 38.5 | 37.7 | 43.9 | 38.9 | 31.9 | 28.4 | 36.8 | 41.0 | 41.3 | 41.6 | 41.9 |
| | 44.0 | 44.3 | 44.7 | 45.0 | 73.0 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 73.8 | 67.6 |
| | 50.6 | 50.5 | 50.5 | 50.4 | 57.3 | 52.5 | 52.3 | 52.1 | 65.1 | 72.7 | 72.3 | 71.9 | 71.6 |
| 975 | 65.2 | 63.9 | 63.6 | 63.3 | 61.7 | 59.7 | 59.4 | 44.5 | 42.3 | 39.6 | 39.5 | 39.4 | 39.3 |
| | 38.2 | 38.1 | 37.8 | 37.3 | 43.8 | 38.8 | 28.6 | 28.6 | 36.9 | 41.4 | 50.4 | 51.2 | 60.4 |
| | 63.6 | 64.1 | 64.7 | 65.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| | 90.9 | 77.9 | 77.8 | 77.7 | 88.4 | 96.2 | 95.8 | 95.3 | 99.7 | 109.1 | 109.1 | 91.7 | 91.3 |

3563.6

3584.9

3526.9

3540.0

3401.8

3630.3

2628.4

2475.8

3170.7

3684.4

3169.6

2864.6

3300.9

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 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

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| | | | | | | | | | | | | | | |
|----|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| '6 | 83.2 | 81.4 | 80.9 | 80.3 | 78.2 | 75.5 | 75.0 | 74.5 | 70.8 | 66.0 | 52.6 | 52.4 | 39.2 | |
| | 38.7 | 38.6 | 38.1 | 37.0 | 41.1 | 29.9 | 30.8 | 30.2 | 36.7 | 32.6 | 41.4 | 50.2 | 50.7 | |
| | 53.2 | 53.6 | 53.9 | 54.2 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.1 | 74.4 | |
| | 50.5 | 50.5 | 50.4 | 50.3 | 57.3 | 62.5 | 62.3 | 62.1 | 65.1 | 72.8 | 72.5 | 72.2 | 71.8 | 3130.5 |
| '7 | 65.5 | 64.2 | 63.9 | 63.6 | 62.0 | 60.0 | 59.8 | 59.5 | 56.6 | 52.9 | 52.6 | 52.4 | 52.2 | |
| | 42.5 | 42.4 | 42.2 | 42.1 | 44.7 | 42.8 | 37.4 | 37.7 | 36.5 | 32.7 | 41.8 | 51.2 | 60.5 | |
| | 63.7 | 64.1 | 64.5 | 64.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.8 | 77.7 | 88.4 | 96.2 | 95.8 | 95.5 | 99.9 | 109.1 | 109.1 | 109.1 | 109.1 | 3522.7 |
| '8 | 100.1 | 81.7 | 81.3 | 80.8 | 78.7 | 76.0 | 75.6 | 75.1 | 71.4 | 66.6 | 66.3 | 65.9 | 65.6 | |
| | 53.3 | 53.1 | 52.9 | 52.6 | 48.5 | 46.9 | 47.2 | 47.5 | 45.5 | 40.3 | 40.6 | 40.9 | 41.3 | |
| | 43.5 | 44.0 | 44.4 | 44.7 | 72.8 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 60.1 | 67.1 | |
| | 50.1 | 50.0 | 50.0 | 49.9 | 56.9 | 62.0 | 61.8 | 61.6 | 64.5 | 72.0 | 71.7 | 71.3 | 70.9 | 3241.1 |
| '9 | 64.6 | 63.3 | 63.0 | 47.1 | 46.0 | 44.6 | 44.4 | 44.3 | 42.2 | 39.4 | 39.3 | 39.2 | 39.1 | |
| | 38.2 | 38.1 | 37.8 | 37.2 | 43.7 | 40.6 | 32.1 | 28.3 | 27.4 | 32.7 | 41.4 | 41.8 | 42.3 | |
| | 53.5 | 54.0 | 54.5 | 55.1 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.8 | 77.6 | 88.3 | 96.2 | 95.9 | 95.5 | 100.0 | 109.1 | 109.1 | 109.1 | 109.1 | 3260.9 |
| 10 | 100.1 | 81.8 | 81.3 | 80.8 | 78.6 | 76.0 | 75.5 | 75.1 | 71.3 | 66.6 | 66.2 | 65.9 | 65.5 | |
| | 42.6 | 42.5 | 42.4 | 42.2 | 42.3 | 37.7 | 37.9 | 38.1 | 36.6 | 32.7 | 41.4 | 50.4 | 51.1 | |
| | 54.0 | 54.5 | 64.3 | 64.9 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.9 | 77.9 | 77.8 | 77.7 | 88.4 | 96.2 | 95.9 | 95.5 | 100.0 | 109.1 | 109.1 | 109.1 | 109.1 | 3706.2 |
| 11 | 100.0 | 81.6 | 81.1 | 80.7 | 78.6 | 75.9 | 75.5 | 75.1 | 71.4 | 66.6 | 66.2 | 65.9 | 65.5 | |
| | 53.3 | 53.1 | 52.8 | 52.6 | 48.5 | 47.2 | 47.6 | 47.9 | 46.0 | 40.9 | 41.3 | 41.6 | 41.9 | |
| | 44.1 | 44.7 | 54.5 | 55.2 | 84.3 | 84.3 | 84.0 | 84.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 90.8 | 77.8 | 77.7 | 77.6 | 88.3 | 96.2 | 95.8 | 95.5 | 99.9 | 109.1 | 109.1 | 109.1 | 109.1 | 3741.9 |
| 12 | 100.0 | 81.7 | 81.2 | 80.8 | 78.7 | 76.0 | 75.6 | 75.2 | 71.4 | 66.6 | 66.3 | 65.9 | 65.5 | |
| | 53.3 | 53.0 | 52.8 | 52.6 | 48.4 | 46.8 | 47.0 | 47.3 | 45.6 | 40.7 | 41.2 | 41.7 | 42.2 | |
| | 53.4 | 53.8 | 54.2 | 54.6 | 84.3 | 84.3 | 84.3 | 84.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | |
| | 64.7 | 77.6 | 64.6 | 64.6 | 73.5 | 80.0 | 79.7 | 79.5 | 83.2 | 93.0 | 92.6 | 92.2 | 91.8 | 3559.8 |
| 'G | 83.0 | 77.8 | 76.9 | 76.0 | 73.0 | 70.6 | 70.2 | 68.4 | 64.2 | 59.5 | 58.0 | 56.6 | 53.5 | |
| | 44.8 | 44.6 | 44.4 | 44.0 | 44.9 | 41.8 | 38.8 | 39.0 | 39.5 | 38.5 | 42.4 | 44.7 | 47.5 | |
| | 51.7 | 52.6 | 53.5 | 55.1 | 79.8 | 83.9 | 84.1 | 84.1 | 74.4 | 74.4 | 74.4 | 73.1 | 73.0 | |
| | 79.7 | 71.5 | 69.5 | 68.2 | 73.1 | 79.6 | 79.4 | 80.0 | 84.3 | 93.8 | 93.6 | 92.8 | 92.5 | 3414.7 |

CONFIDENTIAL; PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION

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| | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0 | 9888.0 | 9734.0 | 9735.0 | 9753.0 | 9553.3 | 9266.0 | 9221.0 | 9212.0 | 8817.9 | 6642.6 | 5003.2 | 5012.2 | 5024.2 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6260.2 | 6000.0 | 6642.4 | 8169.4 | 8086.0 |
| | 8399.0 | 8602.0 | 8917.0 | 9240.0 | 12456.4 | 13351.8 | 12994.6 | 12372.0 | 12000.0 | 12000.0 | 12000.0 | 9597.0 | 8558.5 |
| | 8057.0 | 6522.0 | 6426.0 | 6147.0 | 6825.4 | 7423.4 | 7409.4 | 7398.4 | 7750.2 | 8671.8 | 8671.8 | 8671.8 | 8671.8 |
| 1 | 7937.6 | 7815.4 | 7815.4 | 7815.4 | 7645.6 | 7419.6 | 7419.6 | 5597.2 | 5347.9 | 5015.2 | 5015.2 | 5015.2 | 5015.2 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6329.4 | 6638.4 | 6285.2 | 7199.0 | 9708.0 | 8397.0 | 7163.0 | 8042.0 |
| | 8522.0 | 8097.0 | 8929.0 | 8631.0 | 11873.4 | 12449.0 | 12596.9 | 12504.5 | 12492.0 | 13139.0 | 12000.0 | 12143.3 | 18657.0 |
| 11578.4 | 9646.2 | 9379.2 | 9220.2 | 8796.3 | 9512.0 | 9380.0 | 9376.0 | 9813.3 | 10923.0 | 10923.0 | 10923.0 | 10923.0 | 10923.0 |
| 2 | 9980.0 | 9833.0 | 9833.0 | 9833.0 | 9592.3 | 9271.0 | 9271.0 | 9271.0 | 8055.9 | 8302.0 | 8302.0 | 8302.0 | 8302.0 |
| | 6803.0 | 6803.0 | 6803.0 | 6803.0 | 6343.9 | 6195.0 | 6000.0 | 6000.0 | 8036.0 | 7954.4 | 9597.4 | 10070.4 | 10375.0 |
| | 9620.0 | 9391.8 | 10259.8 | 10593.8 | 15532.5 | 13516.9 | 12617.5 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 10039.3 | 11833.3 |
| 11802.4 | 10318.2 | 9816.2 | 9503.2 | 10682.1 | 11480.6 | 11237.6 | 11335.6 | 11745.3 | 12725.5 | 12794.4 | 12865.8 | 12936.8 | 12936.8 |
| 3 | 11861.4 | 9753.0 | 9753.0 | 9753.0 | 9534.3 | 9242.0 | 9242.0 | 9242.0 | 8834.9 | 8292.0 | 8292.0 | 6659.6 | 6659.6 |
| | 5473.6 | 5473.6 | 5564.6 | 5723.6 | 7171.9 | 7438.2 | 7197.2 | 10152.0 | 10120.5 | 11595.6 | 10323.6 | 9520.6 | 10119.6 |
| | 9487.0 | 9175.0 | 9429.0 | 9554.0 | 13663.0 | 13011.0 | 12287.1 | 12344.7 | 12000.0 | 12000.0 | 14185.0 | 14271.0 | 12426.0 |
| 11401.4 | 9736.2 | 9451.2 | 9291.2 | 8621.3 | 9364.0 | 9337.0 | 9714.0 | 9749.3 | 10860.0 | 10860.0 | 10860.0 | 10860.0 | 10860.0 |
| 4 | 9939.0 | 9785.0 | 9785.0 | 9785.0 | 9564.3 | 9271.0 | 9271.0 | 9271.0 | 8848.9 | 8286.0 | 8286.0 | 8286.0 | 6653.6 |
| | 5463.6 | 5463.6 | 5563.6 | 5580.6 | 6000.0 | 6718.2 | 7929.2 | 8392.2 | 9115.7 | 10059.6 | 9900.6 | 9741.6 | 10545.6 |
| 10164.0 | 9375.0 | 9291.0 | 9291.0 | 14568.3 | 13366.9 | 13317.0 | 13267.4 | 12807.8 | 16286.0 | 14000.0 | 13057.0 | 9581.0 | 9581.0 |
| 11143.4 | 9637.2 | 9397.2 | 7953.0 | 8826.3 | 9480.0 | 9453.0 | 9401.0 | 8949.3 | 10971.0 | 10964.0 | 10923.0 | 10923.0 | 10923.0 |
| 5 | 10043.0 | 9896.0 | 9850.0 | 9833.0 | 9619.3 | 9335.0 | 9335.0 | 9335.0 | 8906.9 | 8337.0 | 8337.0 | 8337.0 | 8337.0 |
| | 6848.0 | 6848.0 | 6848.0 | 6848.0 | 6720.9 | 6670.0 | 6790.0 | 8459.0 | 8456.7 | 8243.0 | 10281.0 | 10729.0 | 10365.0 |
| 11707.8 | 10011.8 | 9775.0 | 10461.8 | 13166.7 | 12852.7 | 12901.0 | 13588.4 | 29885.0 | 19671.0 | 15029.0 | 12214.0 | 10993.0 | 10993.0 |
| 11260.4 | 9512.2 | 9356.2 | 7815.0 | 8635.3 | 9337.0 | 9310.0 | 9273.0 | 9718.3 | 10828.0 | 10828.0 | 10828.0 | 10828.0 | 10828.0 |
| 6 | 9890.0 | 9734.0 | 9734.0 | 9734.0 | 9533.3 | 9266.0 | 9266.0 | 9266.0 | 8856.9 | 8312.0 | 8312.0 | 6679.6 | 6679.6 |
| | 5476.6 | 5476.6 | 5476.6 | 5476.6 | 6000.0 | 6577.2 | 7351.2 | 9913.2 | 9133.7 | 10331.0 | 12937.6 | 12097.2 | 11496.2 |
| 11936.6 | 12354.6 | 12404.6 | 12282.6 | 29294.2 | 28771.0 | 26000.0 | 20729.0 | 17714.0 | 16000.0 | 22429.0 | 21857.0 | 16000.0 | 16000.0 |
| 11254.4 | 9810.2 | 9443.2 | 9381.2 | 8837.3 | 9512.0 | 9491.0 | 9464.0 | 9904.3 | 12844.5 | 12899.1 | 12899.2 | 12969.2 | 12969.2 |
| 7 | 11947.4 | 9848.0 | 9848.0 | 9848.0 | 9634.3 | 9351.0 | 9351.0 | 9351.0 | 8922.9 | 8353.0 | 8353.0 | 8353.0 | 6720.6 |
| | 5516.6 | 5516.6 | 5516.6 | 5516.6 | 6000.0 | 6000.0 | 6258.2 | 8113.2 | 9465.0 | 10965.0 | 11273.6 | 10680.6 | 9207.6 |
| | 9961.0 | 9662.0 | 10072.0 | 10390.0 | 12883.3 | 12843.5 | 12780.0 | 12479.2 | 12000.0 | 17019.6 | 20643.0 | 20071.0 | 22029.0 |
| 11753.4 | 10075.2 | 9815.2 | 9851.2 | 10751.1 | 11522.6 | 11419.6 | 11309.6 | 11929.3 | 13120.7 | 13076.2 | 12988.0 | 12975.2 | 12975.2 |
| 8 | 12059.4 | 11832.6 | 9873.0 | 9857.0 | 9610.3 | 9342.0 | 9319.0 | 9303.0 | 8895.9 | 8353.0 | 8348.0 | 8337.0 | 8337.0 |
| | 6848.0 | 6871.0 | 6889.0 | 6938.0 | 6789.9 | 7208.0 | 7706.0 | 9290.0 | 9192.7 | 9463.0 | 9463.0 | 8849.0 | 8508.0 |
| | 8724.0 | 8724.0 | 8724.0 | 8656.0 | 14618.4 | 13910.7 | 12733.9 | 12088.0 | 12000.0 | 12000.0 | 12000.0 | 9413.1 | 8521.0 |
| | 8174.0 | 8059.0 | 8023.0 | 7778.0 | 8714.3 | 9417.0 | 9355.0 | 9273.0 | 9709.3 | 10796.0 | 10814.0 | 10923.0 | 10923.0 |
| 9 | 9975.0 | 9817.0 | 9806.0 | 9801.0 | 7725.6 | 7512.6 | 7503.6 | 7480.6 | 7139.9 | 6685.6 | 6685.6 | 5053.2 | 5053.2 |
| | 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6658.4 | 7945.4 | 8100.0 | 9150.0 | 9102.6 | 9695.6 | 10135.6 |
| 10468.8 | 10300.8 | 10636.8 | 9718.0 | 13392.1 | 12516.9 | 13317.7 | 19245.5 | 43171.0 | 28700.0 | 14829.0 | 11137.0 | 12007.0 | 12007.0 |
| 11913.4 | 9842.2 | 9312.2 | 9474.2 | 8794.3 | 9480.0 | 9459.0 | 11233.6 | 11765.3 | 12823.4 | 12890.0 | 12950.9 | 13027.5 | 13027.5 |
| 10 | 10050.0 | 9896.0 | 9862.0 | 9848.0 | 9634.3 | 9351.0 | 9346.0 | 9335.0 | 8920.9 | 8369.0 | 8360.0 | 8337.0 | 8337.0 |
| | 5500.6 | 5500.6 | 5555.6 | 5564.6 | 6000.0 | 6000.0 | 7100.2 | 8399.2 | 8411.0 | 7292.0 | 7377.0 | 7460.0 | 7704.0 |
| | 8872.0 | 7929.0 | 8335.0 | 9490.0 | 13561.4 | 13710.9 | 13189.4 | 13025.7 | 12000.0 | 12000.0 | 12933.7 | 13466.9 | 17557.0 |
| 12529.0 | 11557.4 | 9694.2 | 9415.2 | 10458.1 | 11328.6 | 11207.6 | 11233.6 | 11797.3 | 12943.0 | 12990.1 | 13010.5 | 13077.7 | 13077.7 |
| 11 | 10111.0 | 9960.0 | 9971.0 | 9976.0 | 9728.3 | 9398.0 | 9393.0 | 9382.0 | 8960.9 | 8401.0 | 8427.0 | 8496.0 | 8496.0 |
| | 7055.0 | 7055.0 | 7096.0 | 7102.0 | 7304.9 | 7976.0 | 9454.0 | 9288.0 | 8035.7 | 9027.6 | 10939.6 | 12168.6 | 11185.6 |
| 10972.6 | 11154.6 | 11290.6 | 11434.6 | 13581.6 | 13582.1 | 13005.6 | 21071.0 | 15657.0 | 12429.0 | 14100.0 | 13429.0 | 15457.0 | 15457.0 |
| 11769.4 | 9397.2 | 9397.2 | 9397.2 | 8798.3 | 9433.0 | 9433.0 | 9433.0 | 9868.3 | 10955.0 | 10955.0 | 10955.0 | 10955.0 | 10955.0 |
| 12 | 10034.0 | 9880.0 | 9880.0 | 9880.0 | 9653.3 | 9351.0 | 9351.0 | 9351.0 | 8936.9 | 8385.0 | 8385.0 | 8385.0 | 8385.0 |
| | 6927.0 | 6927.0 | 6927.0 | 6927.0 | 6743.9 | 6670.0 | 7897.0 | 8818.0 | 10212.7 | 9827.0 | 14354.0 | 14001.6 | 12668.2 |
| 11733.6 | 11536.6 | 10993.6 | 16558.1 | 26057.0 | 23000.0 | 23000.0 | 23000.0 | 23429.0 | 23571.0 | 14886.0 | 12057.0 | 13871.0 | 13871.0 |

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 CLIENT COMMUNICATION AND ATTORNEY
 WORK PRODUCT PREPARED IN PARTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

**CONFIDENTIAL: PRIVILEGED ATTORNEY-
CLIENT COMMUNICATION AND ATTORNEY
WORK PRODUCT PREPARED IN ANTICIPATION
OF LITIGATION; RESTRICTED DISTRIBUTION**

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CONFIDENTIAL; PRIVILEGED ATTORNEY-
 CLIENT COMMUNICATION AND ATTORNEY-
 WORK PRODUCT PREPARED IN ANTICIPATION
 OF LITIGATION; RESTRICTED DISTRIBUTION

| | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9990.0 | 9833.0 | 9833.0 | 9833.0 | 9626.3 | 9351.0 | 9351.0 | 9351.0 | 8321.0 | 8321.0 | 8321.0 | 6688.6 |
| 5457.6 | 5457.6 | 5457.6 | 5457.6 | 6000.0 | 6000.0 | 7813.2 | 9695.2 | 9145.0 | 10146.6 | 10146.6 | 10146.6 |
| 11223.0 | 13718.6 | 13382.6 | 12495.6 | 24784.2 | 25143.0 | 21814.0 | 23071.0 | 19543.0 | 15143.0 | 13543.0 | 10829.0 |
| 11524.4 | 9856.2 | 9640.2 | 9484.2 | 8698.3 | 9417.0 | 9369.0 | 9305.0 | 9758.3 | 10891.0 | 10882.0 | 10828.0 |
| 9907.0 | 9753.0 | 9742.0 | 9737.0 | 9537.3 | 9271.0 | 9268.0 | 9260.0 | 8841.9 | 8284.0 | 8280.0 | 8267.0 |
| 5438.6 | 5438.6 | 5447.6 | 5449.6 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 9159.0 | 15943.4 | 13287.0 | 12850.6 |
| 11349.6 | 11472.6 | 11238.6 | 10807.6 | 12561.1 | 12776.2 | 15100.0 | 16100.0 | 13600.0 | 12000.0 | 12000.0 | 9761.9 |
| 9886.2 | 10031.2 | 9560.2 | 9377.2 | 8729.3 | 9454.0 | 9449.0 | 9501.0 | 9788.3 | 10839.0 | 10815.0 | 10798.0 |
| 9883.0 | 9731.0 | 9731.0 | 9731.0 | 9524.3 | 9249.0 | 9249.0 | 9249.0 | 8843.9 | 8305.0 | 8305.0 | 8305.0 |
| 5513.6 | 5513.6 | 5562.6 | 5570.6 | 6000.0 | 6000.0 | 6254.2 | 7450.2 | 9900.0 | 7501.4 | 8742.0 | 8577.0 |
| 11098.0 | 11138.0 | 10804.0 | 10203.0 | 13077.0 | 12632.0 | 14284.5 | 12635.9 | 12000.0 | 15624.3 | 20700.0 | 18943.0 |
| 15086.0 | 11443.4 | 9290.2 | 9182.2 | 8678.3 | 9363.0 | 9321.0 | 9306.0 | 9756.3 | 10893.0 | 10884.0 | 10874.0 |
| 9353.0 | 9801.0 | 9801.0 | 9801.0 | 9594.3 | 9319.0 | 9319.0 | 9319.0 | 8911.9 | 8369.0 | 8369.0 | 8369.0 |
| 6896.0 | 6896.0 | 6970.0 | 6983.0 | 6633.9 | 6572.0 | 7099.0 | 8150.0 | 9128.7 | 12595.0 | 10438.0 | 10596.6 |
| 9234.8 | 9093.8 | 9225.8 | 9614.8 | 14114.1 | 13245.7 | 12560.9 | 13157.3 | 12000.0 | 12000.0 | 12000.0 | 10312.5 |
| 8333.0 | 7967.0 | 7785.0 | 7603.0 | 8514.3 | 9258.0 | 9258.0 | 9258.0 | 9715.3 | 10860.0 | 10860.0 | 10860.0 |
| 9966.0 | 9817.0 | 9817.0 | 9817.0 | 9610.3 | 9335.0 | 9335.0 | 7512.6 | 7172.9 | 6720.6 | 6720.6 | 6720.6 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6299.4 | 7306.4 | 9134.0 | 9235.0 | 11548.6 | 10625.6 |
| 9698.8 | 9684.8 | 11018.8 | 12850.6 | 13784.8 | 13399.5 | 51740.8 | 30600.0 | 20614.0 | 29871.0 | 17157.0 | 12471.0 |
| 11199.4 | 9572.2 | 9375.2 | 7762.0 | 8693.3 | 9390.0 | 9369.0 | 9355.0 | 9810.3 | 10955.0 | 10955.0 | 10941.0 |
| 10045.0 | 9895.0 | 9896.0 | 9891.0 | 9680.3 | 9414.0 | 9414.0 | 9414.0 | 9086.9 | 8464.0 | 8464.0 | 8464.0 |
| 6954.0 | 6943.0 | 6957.0 | 6977.0 | 6511.9 | 6422.0 | 8036.0 | 11338.0 | 10065.7 | 10218.6 | 11869.6 | 11950.6 |
| 11995.6 | 11575.6 | 11427.6 | 11288.6 | 12992.4 | 12625.0 | 12058.2 | 13656.9 | 13429.0 | 12000.0 | 12000.0 | 9424.6 |
| 9470.2 | 7916.0 | 7757.0 | 7696.0 | 8644.3 | 9316.0 | 9242.0 | 9212.0 | 9638.3 | 10772.0 | 10764.0 | 10756.0 |
| 9849.0 | 9697.0 | 9689.0 | 9689.0 | 9489.3 | 9223.0 | 9225.0 | 9231.0 | 7082.9 | 6653.6 | 5024.2 | 5031.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6763.4 | 6000.0 | 6000.0 | 6000.0 | 6000.0 |
| 6000.0 | 6000.0 | 6016.4 | 6000.0 | 8140.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8140.0 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 5215.6 | 5629.8 | 5581.8 | 5560.0 | 5828.2 | 6515.6 | 6508.6 | 6507.6 |
| 5971.2 | 5081.8 | 5875.8 | 5873.8 | 5754.0 | 5594.2 | 5586.2 | 5586.2 | 5341.9 | 5016.2 | 5018.2 | 5024.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6172.4 | 6000.0 | 6295.2 | 6000.0 | 6000.0 | 6000.0 |
| 7116.4 | 6475.4 | 6714.4 | 6557.4 | 9283.1 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8387.6 |
| 6892.8 | 6708.8 | 6535.8 | 6421.8 | 7227.4 | 7807.4 | 7752.4 | 7688.4 | 8088.2 | 8985.8 | 8878.8 | 8846.8 |
| 8058.6 | 7910.4 | 7887.4 | 7860.4 | 5811.0 | 5642.2 | 5626.2 | 5626.2 | 5378.9 | 5048.2 | 5048.2 | 5048.2 |
| 5900.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6640.8 | 10511.8 | 7563.8 |
| 9117.0 | 9186.0 | 9790.0 | 9238.0 | 13525.7 | 16677.0 | 15880.4 | 23037.2 | 19471.0 | 22857.0 | 14586.0 | 11029.0 |
| 11341.4 | 9769.2 | 9503.2 | 9356.2 | 8812.3 | 9521.0 | 9494.0 | 9466.0 | 11798.3 | 12885.4 | 12949.9 | 12985.1 |
| 12054.4 | 9928.0 | 9928.0 | 9928.0 | 9728.3 | 9444.0 | 9430.0 | 9430.0 | 9088.9 | 8462.0 | 8448.0 | 8448.0 |
| 6927.0 | 6927.0 | 6916.0 | 6927.0 | 6693.9 | 9067.0 | 9023.0 | 10232.0 | 12722.7 | 9902.6 | 13925.2 | 13866.2 |
| 11349.6 | 11347.6 | 10909.6 | 10245.6 | 12628.1 | 18391.6 | 19929.0 | 20600.0 | 13786.0 | 13186.0 | 10029.0 | 13286.0 |
| 9427.2 | 9370.2 | 8198.0 | 7946.0 | 8734.3 | 9408.0 | 9348.0 | 9321.0 | 9742.3 | 10876.0 | 10849.0 | 10844.0 |
| 9923.0 | 9769.0 | 9769.0 | 9769.0 | 9569.3 | 9303.0 | 9303.0 | 9303.0 | 8881.9 | 8321.0 | 8321.0 | 8321.0 |
| 5484.6 | 5484.6 | 5484.6 | 5493.6 | 6000.0 | 6000.0 | 6227.2 | 6779.2 | 7047.0 | 7222.4 | 9368.4 | 9884.4 |
| 8574.0 | 8427.0 | 7647.0 | 7838.0 | 11272.4 | 13058.6 | 12340.5 | 13110.8 | 12148.1 | 12000.0 | 12000.0 | 9653.8 |
| 8118.0 | 7943.0 | 6274.8 | 6153.8 | 6895.4 | 7463.4 | 7443.4 | 7423.4 | 7774.2 | 8678.0 | 8660.0 | 852.8 |
| 7925.6 | 7885.4 | 7799.4 | 7797.4 | 7634.6 | 7416.6 | 7414.6 | 7408.6 | 5341.9 | 5016.2 | 5014.2 | 5088.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 7936.4 | 9536.0 | 8119.0 | 7665.0 | 7492.0 |
| 7920.0 | 8574.0 | 8297.0 | 8178.0 | 11281.4 | 12719.0 | 12266.2 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 9965.0 |
| 6652.0 | 6646.0 | 6239.8 | 6085.8 | 6861.4 | 7472.4 | 7472.4 | 7472.4 | 7840.2 | 8751.8 | 8751.8 | 8751.8 |
| 8034.6 | 7981.4 | 7981.4 | 7981.4 | 7741.6 | 7528.6 | 7528.6 | 5697.2 | 5445.9 | 5120.2 | 5120.2 | 5120.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 7236.4 | 9400.0 | 10799.0 | 10355.6 | 11475.6 |
| 11688.6 | 12070.6 | 11822.6 | 11439.6 | 13265.0 | 16095.3 | 18614.0 | 16429.0 | 14157.0 | 12000.0 | 19629.0 | 18629.0 |
| 11746.4 | 10108.2 | 9994.2 | 9449.2 | 10433.1 | 11194.6 | 11100.6 | 11040.6 | 1560.3 | 12684.3 | 12751.4 | 10789.0 |

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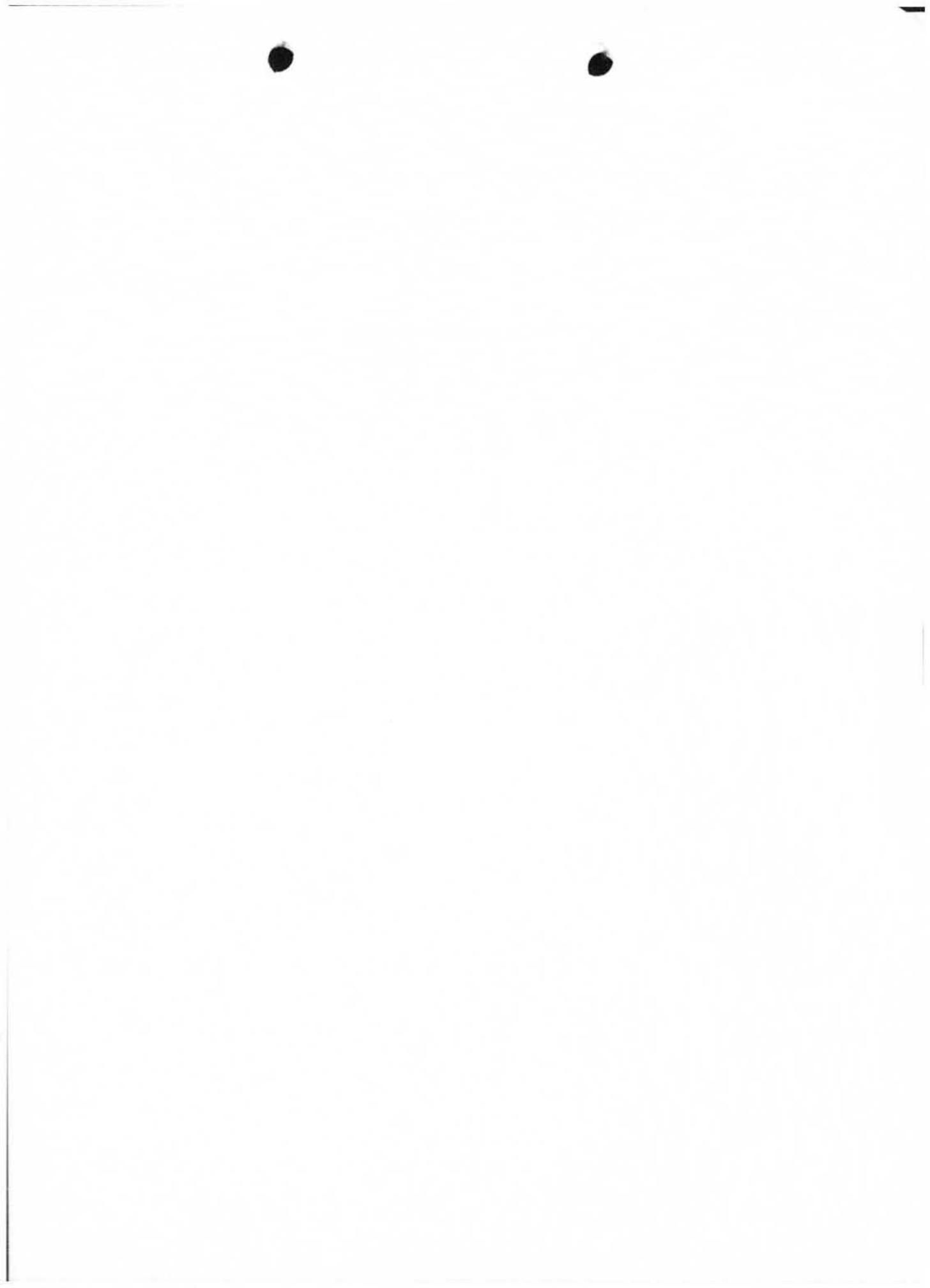
| | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9990.0 | 9833.0 | 9833.0 | 9833.0 | 9626.3 | 9351.0 | 9351.0 | 9351.0 | 8321.0 | 8321.0 | 8321.0 | 6688.6 |
| 5457.6 | 5457.6 | 5457.6 | 5457.6 | 6000.0 | 6000.0 | 7813.2 | 9695.2 | 9145.0 | 10146.6 | 10146.6 | 10146.6 |
| 11223.0 | 13718.6 | 13382.6 | 12495.6 | 24784.2 | 25143.0 | 21814.0 | 23071.0 | 19543.0 | 15143.0 | 13543.0 | 10829.0 |
| 11524.4 | 9856.2 | 9640.2 | 9484.2 | 8698.3 | 9417.0 | 9369.0 | 9305.0 | 9758.3 | 10891.0 | 10882.0 | 10828.0 |
| 9907.0 | 9753.0 | 9742.0 | 9737.0 | 9537.3 | 9271.0 | 9268.0 | 9260.0 | 8841.9 | 8284.0 | 8280.0 | 8267.0 |
| 5438.6 | 5438.6 | 5447.6 | 5449.6 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 9159.0 | 15943.4 | 13287.0 | 12850.6 |
| 11349.6 | 11472.6 | 11238.6 | 10807.6 | 12561.1 | 12776.2 | 15100.0 | 16100.0 | 13600.0 | 12000.0 | 12000.0 | 9761.9 |
| 9886.2 | 10831.2 | 9560.2 | 9377.2 | 8729.3 | 9454.0 | 9449.0 | 9501.0 | 9788.3 | 10839.0 | 10815.0 | 10798.0 |
| 9883.0 | 9731.0 | 9731.0 | 9731.0 | 9524.3 | 9249.0 | 9249.0 | 9249.0 | 8843.9 | 8305.0 | 8305.0 | 8305.0 |
| 5513.6 | 5513.6 | 5562.6 | 5570.6 | 6000.0 | 6000.0 | 6254.2 | 7450.2 | 9900.0 | 7501.4 | 8742.0 | 8577.0 |
| 11098.0 | 11138.0 | 10804.0 | 10203.0 | 13077.0 | 12632.0 | 14284.5 | 12635.9 | 12000.0 | 15624.3 | 20700.0 | 18943.0 |
| 15086.0 | 11443.4 | 9290.2 | 9182.2 | 8678.3 | 9363.0 | 9321.0 | 9306.0 | 9756.3 | 10893.0 | 10884.0 | 10874.0 |
| 9353.0 | 9801.0 | 9801.0 | 9801.0 | 9594.3 | 9319.0 | 9319.0 | 9319.0 | 8911.9 | 8369.0 | 8369.0 | 8369.0 |
| 6896.0 | 6896.0 | 6970.0 | 6983.0 | 6633.9 | 6572.0 | 7099.0 | 8150.0 | 9128.7 | 12595.0 | 10438.0 | 10596.6 |
| 9234.8 | 9093.8 | 9225.8 | 9614.8 | 14114.1 | 13245.7 | 12560.9 | 13157.3 | 12000.0 | 12000.0 | 12000.0 | 10312.5 |
| 8333.0 | 7967.0 | 7785.0 | 7603.0 | 8514.3 | 9258.0 | 9258.0 | 9258.0 | 9715.3 | 10860.0 | 10860.0 | 10860.0 |
| 9966.0 | 9817.0 | 9817.0 | 9817.0 | 9610.3 | 9335.0 | 9335.0 | 7512.6 | 7172.9 | 6720.6 | 6720.6 | 6720.6 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6299.4 | 7306.4 | 9134.0 | 9235.0 | 11548.6 | 10625.6 |
| 9698.8 | 9684.8 | 11018.8 | 12850.6 | 13784.8 | 13399.5 | 51740.8 | 30600.0 | 20614.0 | 29871.0 | 17157.0 | 12471.0 |
| 11199.4 | 9572.2 | 9375.2 | 7762.0 | 8693.3 | 9398.0 | 9369.0 | 9355.0 | 9810.3 | 10955.0 | 10955.0 | 10941.0 |
| 10045.0 | 9895.0 | 9896.0 | 9891.0 | 9680.3 | 9414.0 | 9414.0 | 9414.0 | 9086.9 | 8464.0 | 8464.0 | 8464.0 |
| 6954.0 | 6943.0 | 6957.0 | 6977.0 | 6511.9 | 6422.0 | 8036.0 | 11338.0 | 10065.7 | 10218.6 | 11869.6 | 11950.6 |
| 11995.6 | 11575.6 | 11427.6 | 11288.6 | 12992.4 | 12625.0 | 12058.2 | 13656.9 | 13429.0 | 12000.0 | 12000.0 | 9424.6 |
| 9470.2 | 7916.0 | 7757.0 | 7696.0 | 8644.3 | 9316.0 | 9242.0 | 9212.0 | 9638.3 | 10772.0 | 10764.0 | 10756.0 |
| 9849.0 | 9697.0 | 9689.0 | 9689.0 | 9489.3 | 9223.0 | 9225.0 | 9231.0 | 7082.9 | 6653.6 | 5024.2 | 5031.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6763.4 | 6000.0 | 6000.0 | 6000.0 | 6000.0 |
| 6000.0 | 6000.0 | 6016.4 | 6000.0 | 8140.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8140.0 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 5215.6 | 5629.8 | 5581.8 | 5560.0 | 5828.2 | 6515.6 | 6508.6 | 6507.6 |
| 5971.2 | 5881.8 | 5875.8 | 5873.8 | 5754.0 | 5594.2 | 5586.2 | 5586.2 | 5341.9 | 5016.2 | 5018.2 | 5024.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6172.4 | 6000.0 | 6295.2 | 6000.0 | 6000.0 | 6000.0 |
| 7116.4 | 6475.4 | 6714.4 | 6557.4 | 9283.1 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 8387.6 |
| 6892.8 | 6708.8 | 6535.8 | 6421.8 | 7227.4 | 7807.4 | 7752.4 | 7688.4 | 8088.2 | 8985.8 | 8878.8 | 8846.8 |
| 8058.6 | 7910.4 | 7887.4 | 7860.4 | 5811.0 | 5642.2 | 5626.2 | 5626.2 | 5378.9 | 5048.2 | 5048.2 | 5048.2 |
| 5988.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 6640.8 | 10511.8 | 7563.8 |
| 9117.0 | 9186.0 | 9790.0 | 9238.0 | 13525.7 | 16677.0 | 15888.4 | 23037.2 | 19471.0 | 22857.0 | 14586.0 | 11029.0 |
| 11341.4 | 9769.2 | 9503.2 | 9356.2 | 8812.3 | 9521.0 | 9494.0 | 9466.0 | 11798.3 | 12885.4 | 12949.9 | 12985.1 |
| 12054.4 | 9928.0 | 9928.0 | 9928.0 | 9728.3 | 9444.0 | 9438.0 | 9430.9 | 9088.9 | 8462.0 | 8448.0 | 8448.0 |
| 6927.0 | 6927.0 | 6916.0 | 6927.0 | 6693.9 | 9067.0 | 9023.0 | 10232.0 | 12722.7 | 9902.6 | 13925.2 | 13866.2 |
| 11349.6 | 11347.6 | 10909.6 | 10245.6 | 12628.1 | 18391.6 | 19929.0 | 20600.0 | 13786.0 | 13186.0 | 18029.0 | 13286.0 |
| 9427.2 | 9370.2 | 8198.0 | 7946.0 | 8734.3 | 9408.0 | 9348.0 | 9321.0 | 9742.3 | 10876.0 | 10849.0 | 10844.0 |
| 9923.0 | 9769.0 | 9769.0 | 9769.0 | 9569.3 | 9303.0 | 9303.0 | 9303.0 | 8881.9 | 8321.0 | 8321.0 | 8321.0 |
| 5484.6 | 5484.6 | 5484.6 | 5493.6 | 6000.0 | 6000.0 | 6227.2 | 6779.2 | 7047.0 | 7222.4 | 9368.4 | 9884.4 |
| 8574.0 | 8427.0 | 7647.0 | 7838.0 | 11272.4 | 13858.6 | 12340.5 | 13118.8 | 12148.1 | 12000.0 | 12000.0 | 9653.8 |
| 8118.0 | 7943.0 | 6274.8 | 6153.8 | 6895.4 | 7463.4 | 7443.4 | 7423.4 | 7774.2 | 8678.0 | 8668.0 | 852.8 |
| 7925.6 | 7885.4 | 7799.4 | 7797.4 | 7634.6 | 7416.6 | 7414.6 | 7408.6 | 5341.9 | 5016.2 | 5014.2 | 5088.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 7936.4 | 9536.0 | 8119.0 | 7665.0 | 7492.0 |
| 7920.0 | 8574.0 | 8297.0 | 8178.0 | 11281.4 | 12719.0 | 12266.2 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 9965.0 |
| 6652.0 | 6646.0 | 6239.8 | 6885.8 | 6861.4 | 7472.4 | 7472.4 | 7472.4 | 7840.2 | 8751.8 | 8751.8 | 8751.8 |
| 8034.6 | 7981.4 | 7981.4 | 7981.4 | 7741.6 | 7528.6 | 7528.6 | 5697.2 | 5445.9 | 5120.2 | 5120.2 | 5120.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 7236.4 | 9400.0 | 10799.0 | 10355.6 | 11475.6 |
| 11688.6 | 12070.6 | 11822.6 | 11439.6 | 13265.0 | 16095.3 | 18614.0 | 16429.0 | 14157.0 | 12000.0 | 19629.0 | 18629.0 |
| 11746.4 | 10108.2 | 9994.2 | 9449.2 | 10433.1 | 11194.6 | 11100.6 | 11040.6 | 1560.3 | 12684.3 | 12751.4 | 10789.0 |

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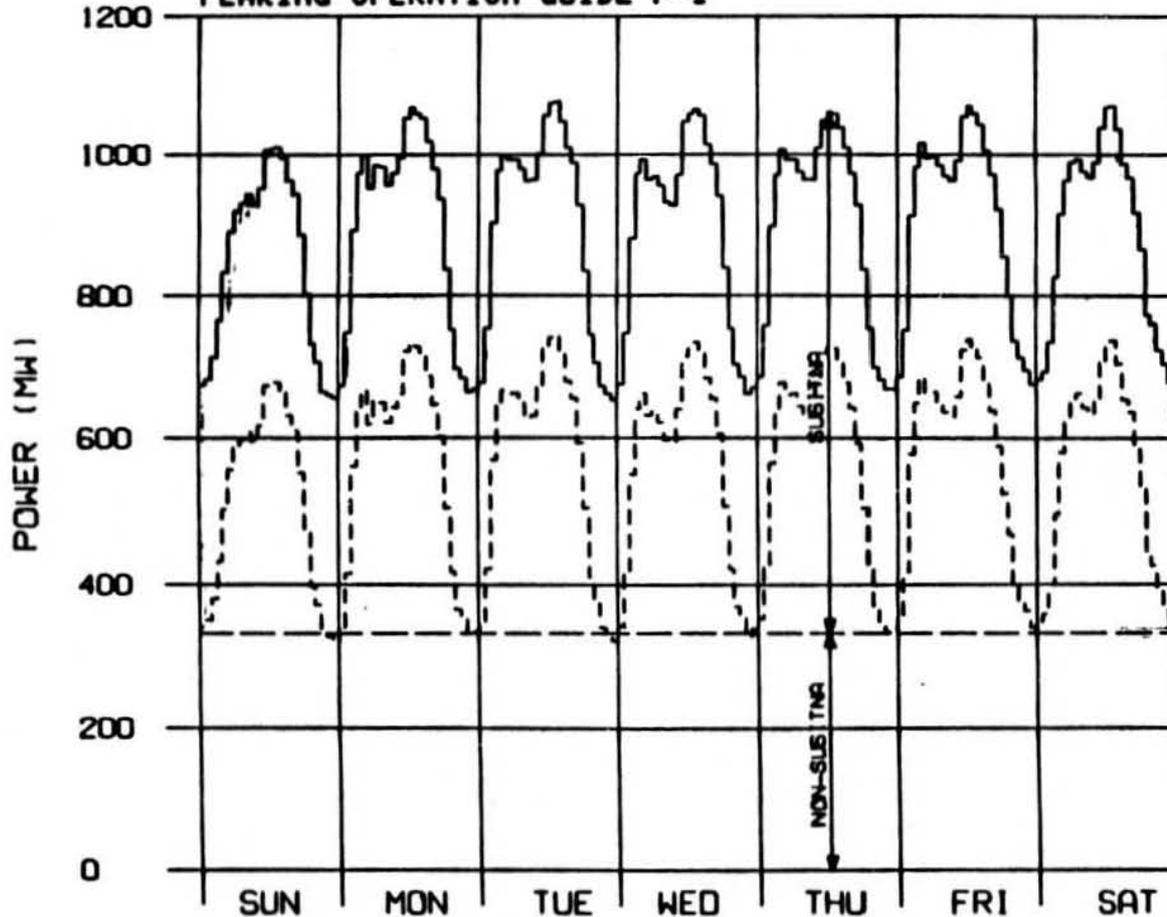
| | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9886.8 | 971.0 | 9731.0 | 9729.0 | 9529.3 | 9263.0 | 9263.0 | 9263.0 | 92.9 | 8385.0 | 6672.6 | 6672.6 | 5840.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6000.0 | 713.0 | 8413.4 | 9756.0 | 9352.6 | 9239.6 |
| 9344.8 | 9337.8 | 9193.8 | 9268.8 | 13179.5 | 14088.6 | 12892.3 | 12107.2 | 12000.0 | 12000.0 | 12000.0 | 9488.0 | 8677.8 |
| 6544.8 | 6483.8 | 6374.8 | 6307.8 | 7059.4 | 7633.4 | 7637.4 | 7584.4 | 8031.2 | 8927.8 | 8887.8 | 8855.8 | 8828.8 |
| 8092.6 | 7964.4 | 7948.4 | 7941.4 | 7772.6 | 7548.6 | 7544.6 | 7544.6 | 7211.9 | 6768.6 | 6768.6 | 6768.6 | 6768.6 |
| 5580.6 | 5580.6 | 5593.6 | 5606.6 | 6000.0 | 6000.0 | 6754.2 | 7818.2 | 9193.0 | 9568.4 | 12374.0 | 12046.6 | 12398.2 |
| 10767.6 | 11154.6 | 11372.6 | 10691.6 | 13015.3 | 12822.5 | 12497.1 | 19199.7 | 12514.0 | 12000.0 | 13034.0 | 14071.0 | 13534.0 |
| 1514.4 | 10090.2 | 9917.2 | 9599.2 | 10601.1 | 11412.6 | 11352.6 | 11312.6 | 11829.3 | 12904.0 | 12948.8 | 13002.4 | 13038.4 |
| 12028.4 | 9913.0 | 9896.0 | 9883.0 | 9665.3 | 9382.0 | 9374.0 | 9374.0 | 8959.9 | 8417.0 | 8417.0 | 8417.0 | 8420.0 |
| 6919.0 | 6919.0 | 6919.0 | 6934.0 | 6734.9 | 7952.0 | 8681.0 | 7800.0 | 7651.7 | 7456.0 | 8408.0 | 7918.0 | 8633.0 |
| 8774.0 | 8522.0 | 8558.0 | 8495.0 | 11679.4 | 12813.4 | 12571.0 | 12084.5 | 12000.0 | 12000.0 | 12000.0 | 8140.0 | 7884.6 |
| 6638.8 | 6742.8 | 6555.8 | 6362.8 | 7160.4 | 7700.4 | 7575.4 | 7529.4 | 7885.2 | 8798.8 | 8771.8 | 8744.8 | 8735.8 |
| 8013.6 | 7885.4 | 7885.4 | 5969.0 | 5834.0 | 5674.2 | 5674.2 | 5674.2 | 5413.9 | 5088.2 | 5088.2 | 5088.2 | 5088.2 |
| 5000.0 | 5000.0 | 5000.0 | 5000.0 | 6000.0 | 6000.0 | 6000.0 | 6618.4 | 8448.2 | 8379.4 | 8678.0 | 8322.0 | 9188.0 |
| 10463.8 | 10418.8 | 11320.8 | 11432.8 | 13751.9 | 13423.7 | 12621.4 | 12120.2 | 12000.0 | 12000.0 | 12000.0 | 10442.8 | 9185.7 |
| 11364.4 | 10258.2 | 9784.2 | 9492.2 | 10662.1 | 11507.6 | 11587.6 | 11365.6 | 11892.3 | 12891.7 | 12912.9 | 12946.7 | 12981.2 |
| 11976.4 | 9869.0 | 9853.0 | 9839.0 | 9633.3 | 9356.0 | 9344.0 | 9335.0 | 8927.9 | 8385.0 | 8385.0 | 8385.0 | 8385.0 |
| 5548.6 | 5548.6 | 5559.6 | 5643.6 | 6000.0 | 6308.2 | 6976.2 | 6743.2 | 7704.0 | 9120.4 | 9038.0 | 11227.6 | 10561.6 |
| 11255.0 | 11327.8 | 12652.6 | 12189.6 | 14684.0 | 19785.1 | 21929.0 | 19886.0 | 14457.0 | 12000.0 | 12000.0 | 16874.0 | 14186.0 |
| 11676.4 | 10662.2 | 9827.2 | 9623.2 | 10628.1 | 11473.6 | 11303.6 | 11312.6 | 11867.3 | 12829.4 | 12812.6 | 12866.8 | 12927.2 |
| 11922.4 | 9869.0 | 9917.0 | 9944.0 | 9749.3 | 9496.0 | 9432.0 | 9367.0 | 8943.9 | 8401.0 | 8417.0 | 8421.0 | 8424.0 |
| 6927.0 | 6938.0 | 6957.0 | 7046.0 | 7049.9 | 9200.0 | 9214.0 | 8102.0 | 9174.7 | 7972.0 | 7699.0 | 7904.0 | 8390.0 |
| 8061.0 | 11920.0 | 12814.8 | 12107.0 | 15621.8 | 24473.1 | 46729.0 | 37029.0 | 24971.0 | 17986.0 | 14500.0 | 12100.0 | 11256.0 |
| 11325.4 | 9811.2 | 9842.2 | 10030.2 | 10621.1 | 11430.6 | 11417.6 | 11319.6 | 11808.3 | 12868.4 | 12910.5 | 12965.5 | 13033.4 |
| 12038.4 | 9944.0 | 9944.0 | 9944.0 | 9747.3 | 9487.0 | 9386.0 | 9311.0 | 8879.9 | 8337.0 | 8337.0 | 8347.0 | 8404.0 |
| 6896.0 | 6896.0 | 6921.0 | 7007.0 | 6693.9 | 7243.0 | 8340.0 | 9159.0 | 9297.7 | 9162.0 | 8485.0 | 9599.0 | 9463.0 |
| 9370.8 | 10105.8 | 10168.8 | 10643.8 | 13387.7 | 12234.9 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12000.0 | 12595.5 | 9943.9 |
| 8881.0 | 9969.2 | 8282.0 | 7843.0 | 8711.3 | 9446.0 | 9424.0 | 9396.0 | 9847.3 | 10987.0 | 10987.0 | 10987.0 | 11010.0 |

| | | | | | | | | | | | | |
|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9977.0 | 9414.8 | 9351.2 | 9298.0 | 8977.6 | 8717.4 | 8707.8 | 8535.0 | 8848.7 | 7501.1 | 7352.9 | 7206.1 | 6862.0 |
| 5801.7 | 5802.4 | 5817.7 | 5835.6 | 6284.6 | 6562.0 | 7026.4 | 7886.8 | 8658.6 | 9060.9 | 9842.7 | 9783.8 | 9796.4 |
| 9844.9 | 9989.9 | 10104.2 | 10212.7 | 14263.0 | 15868.8 | 16742.3 | 16381.8 | 15522.6 | 14808.6 | 14127.7 | 12339.6 | 11918.3 |
| 10206.2 | 9077.5 | 8632.7 | 8347.3 | 8762.1 | 9455.7 | 9408.8 | 9485.6 | 9986.5 | 11089.9 | 11099.2 | 11046.6 | 11062.2 |

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MONTH: DECEMBER 1980, PEAK WEEK, WET YEAR
 LOAD YEAR: 2001
 PEAKING OPERATION GUIDE P-1

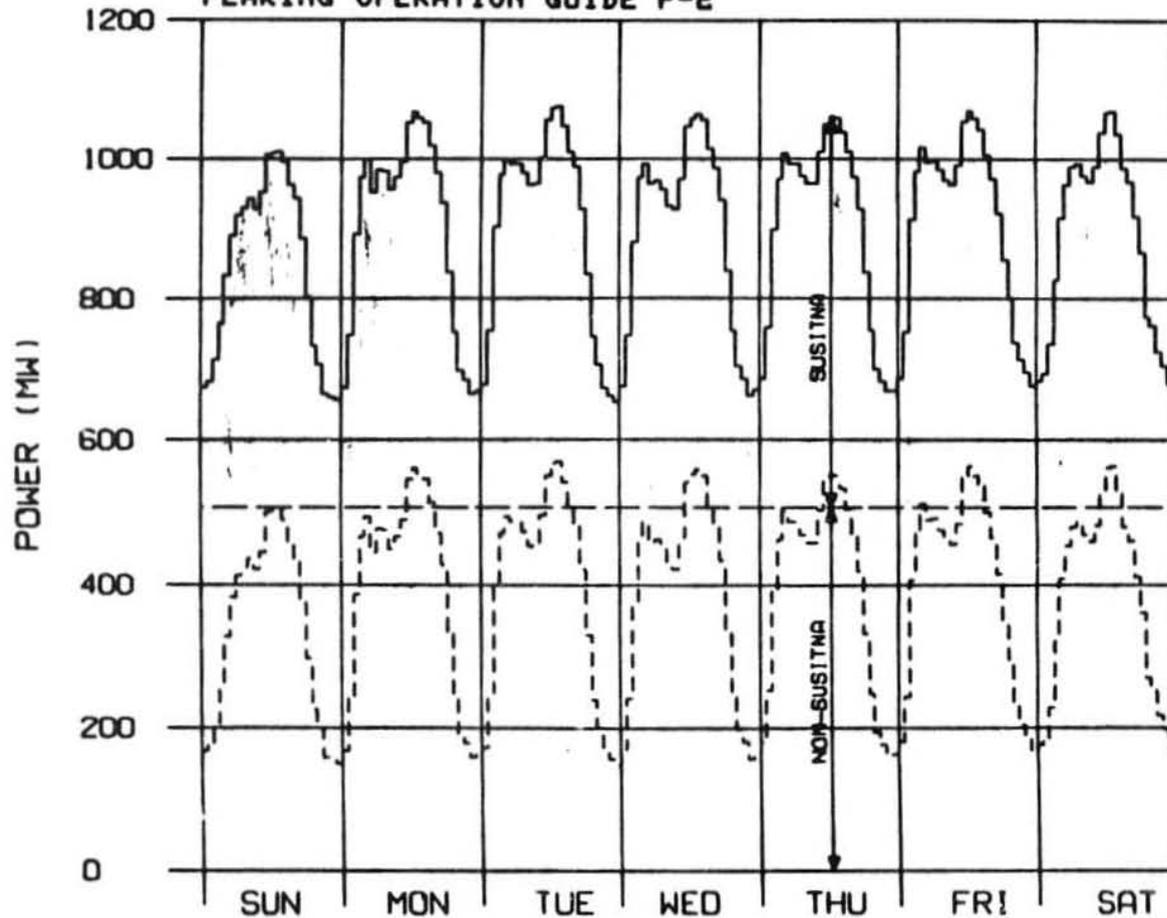


NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

- 1 ——— SYSTEM DEMAND
- 2 - - - SUSITNA GENERATION
- 3 - · - · NON-SUSITNA GENERATION

SERP

MONTH: DECEMBER 1969, PEAK WEEK, DRY YEAR
 LOAD YEAR: 2001
 PEAKING OPERATION GUIDE P-2

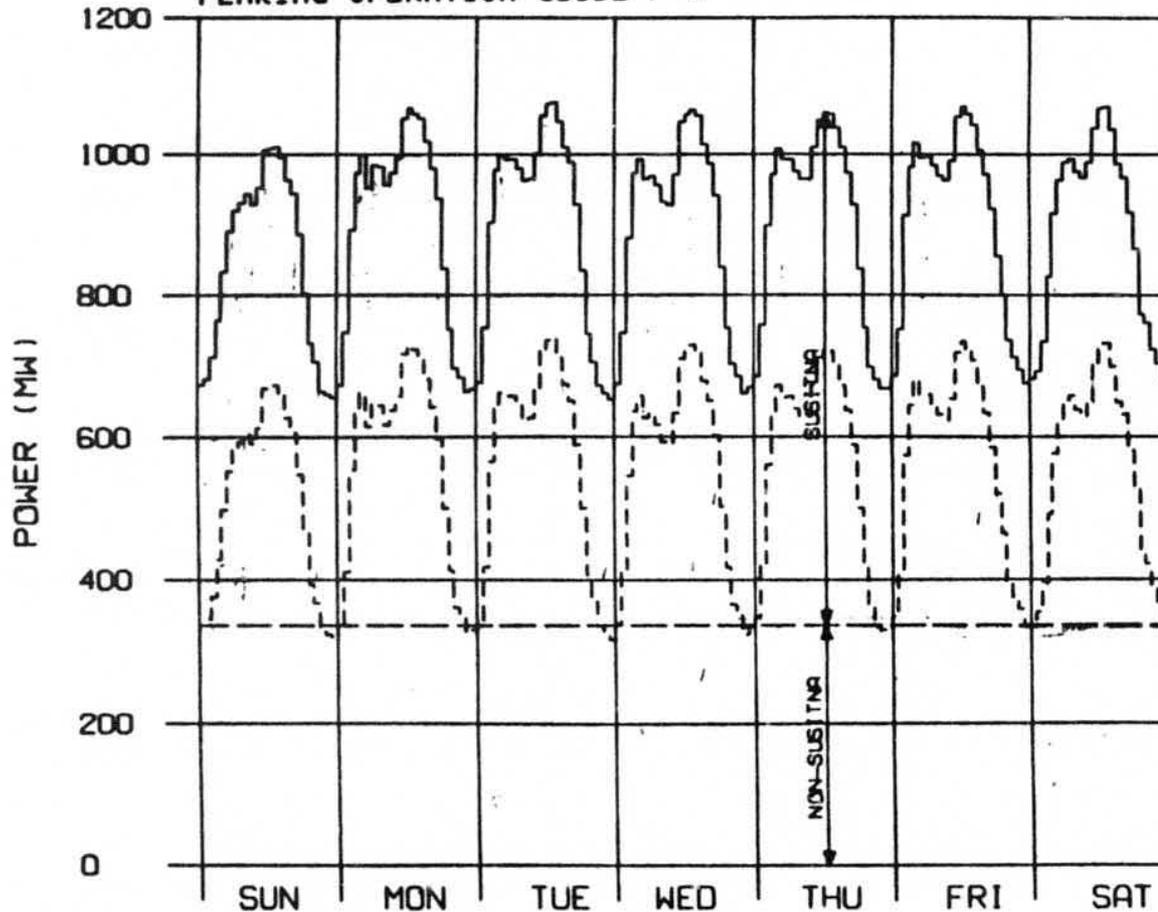


NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

1 ——— SYSTEM DEMAND
 2 - - - SUSITNA GENERATION
 3 - · - NON-SUSITNA GENERATION

IRP

MONTH: DECEMBER 1967, PEAK WEEK, AVERAGE YEAR
 LOAD YEAR: 2001
 PEAKING OPERATION GUIDE P-2



NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

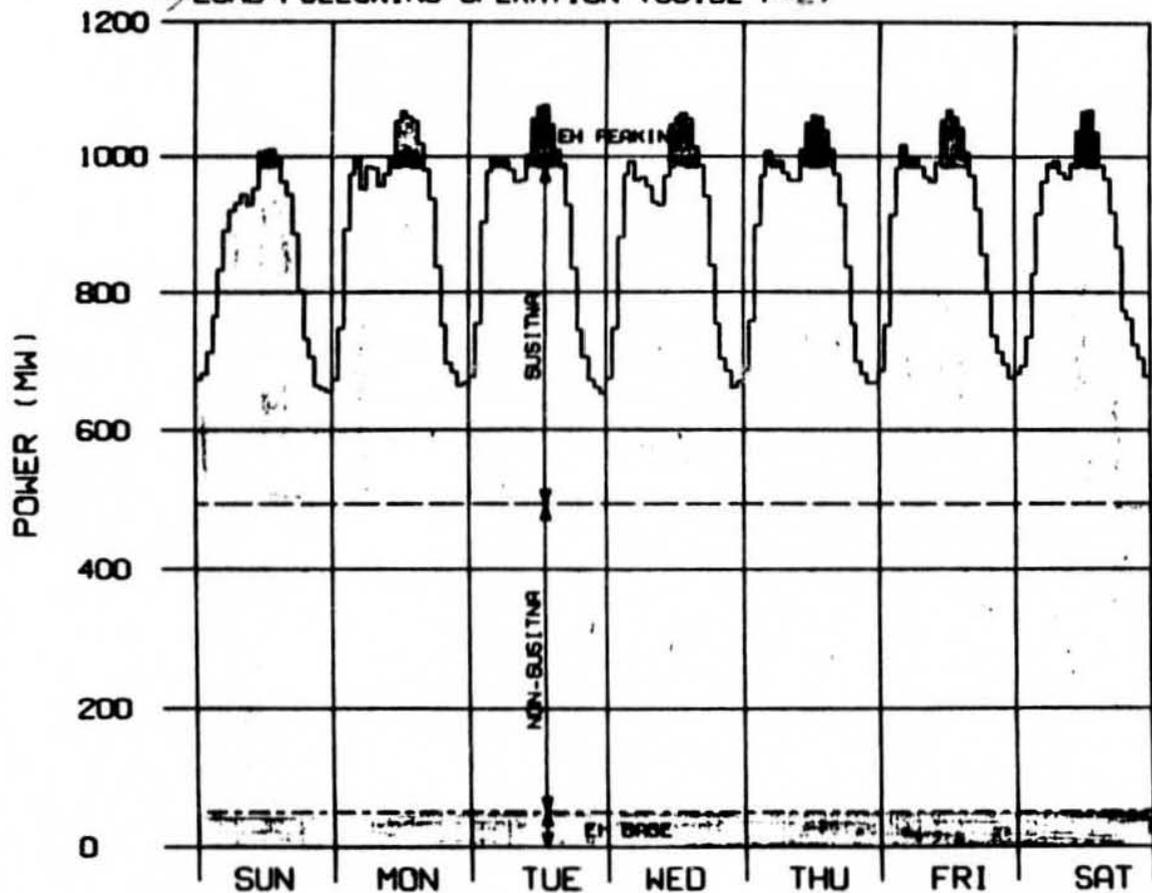
- 1 — SYSTEM DEMAND
- 2 - - - SUSITNA GENERATION
- 3 - · - NON-SUSITNA GENERATION

SERP

MONTH: DECEMBER 1969, PEAK WEEK, DRY YEAR

LOAD YEAR: 2001

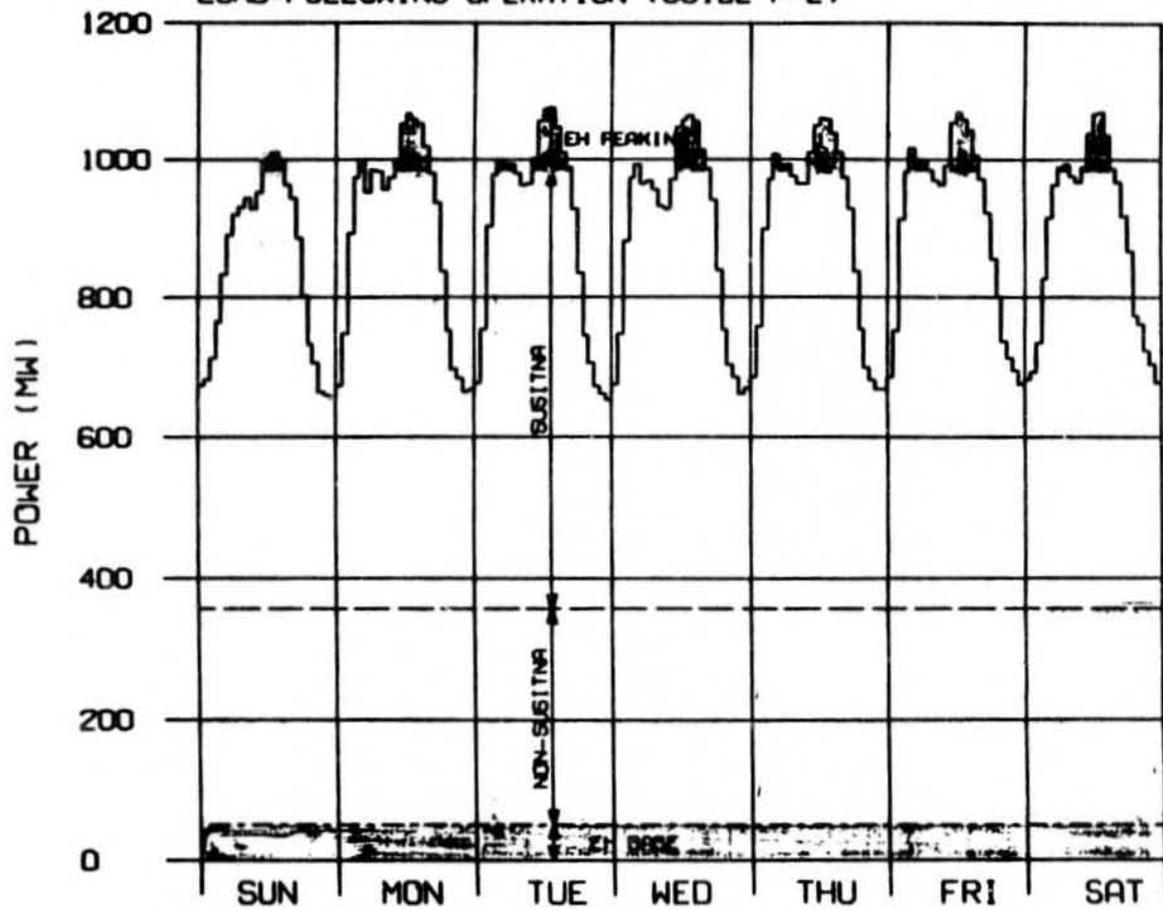
LOAD-FOLLOWING OPERATION (GUIDE P-2)



NOTE: EACH DAY STARTS AT HOUR 5
ENERGY GENERATION FOR FORECAST ANNUAL PEAK
EH: EXISTING HYDRO PLANTS

1 ——— TOTAL DEMAND
2 - - - - SUSITNA GENERATION
3 - · - · - NON-SUSITNA GENERATION
4 · · · · - EXISTING HYDRO BASE
IRP

MONTH: DECEMBER 1967, PEAK WEEK, AVERAGE YEAR
 TARGET YEAR 2001
 LOAD-FOLLOWING OPERATION (GUIDE P-2)

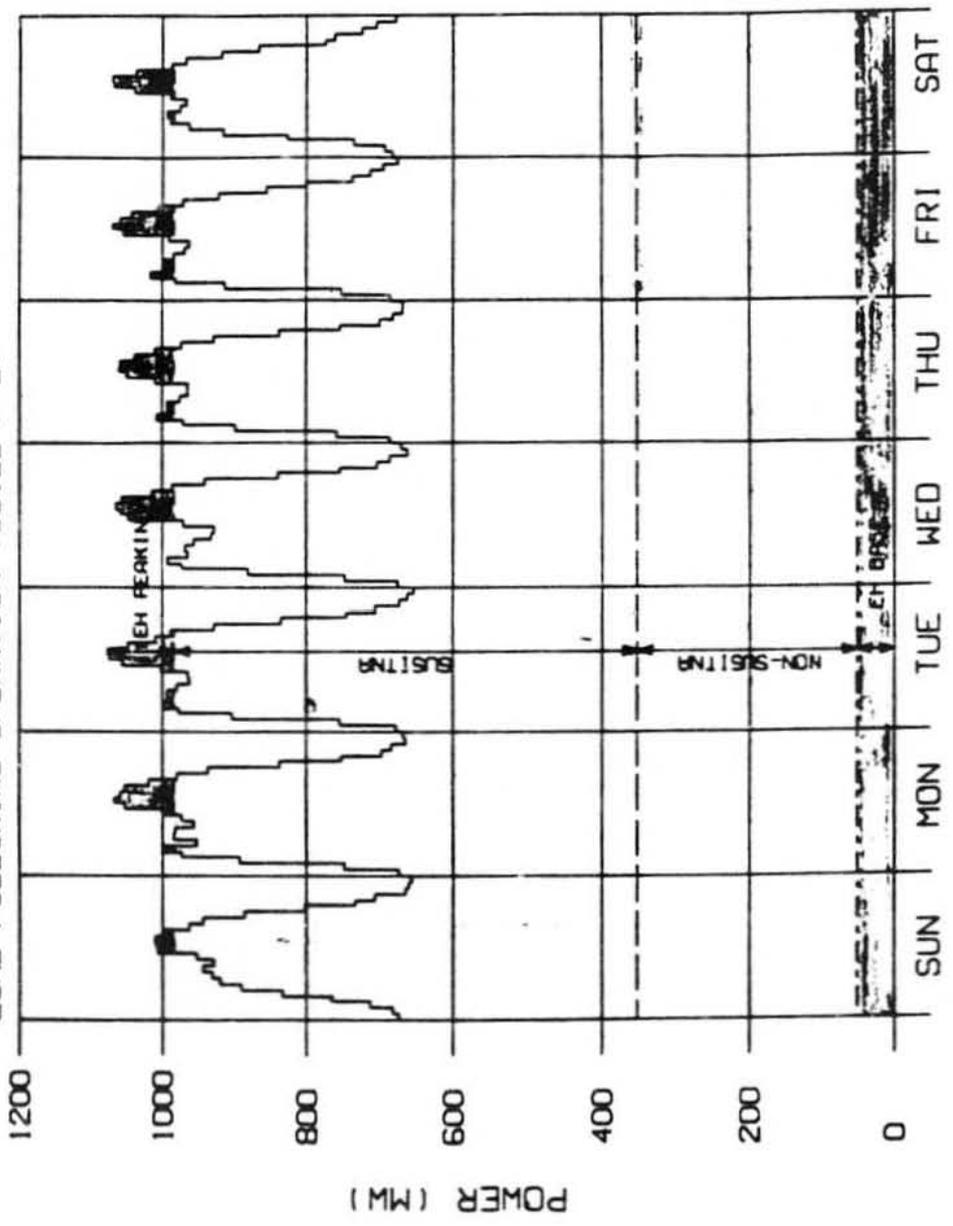


NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST ANNUAL PEAK
 EH: EXISTING HYDRO PLANTS

- 1 ——— TOTAL DEMAND
- 2 - - - - SUSITNA GENERATION
- 3 - · - · - NON-SUSITNA GENERATION
- 4 · · · · · EXISTING HYDRO BASE

SERP

MONTH, DECEMBER 1980. PEAK WEEK. WET YEAR
 LOAD YEAR, 2001
 LOAD-FOLLOWING OPERATION (GUIDE P-2)



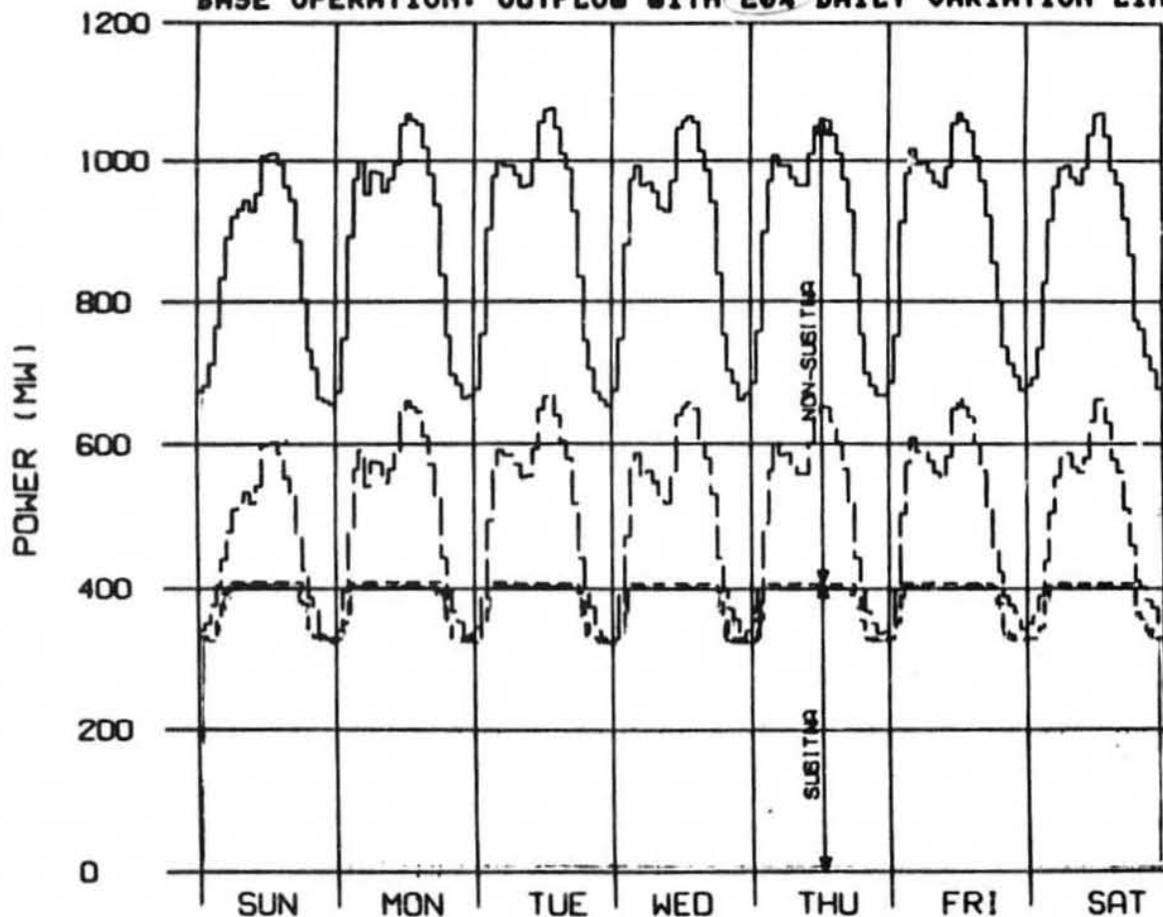
NOTE: EACH DAY STARTS AT HOUR 5

1 ——— TOTAL DEMAND
 2 - - - - SUSTINA GENERATION

MONTH: DECEMBER 1969, PEAK WEEK, DRY YEAR

LOAD YEAR: 2001

BASE OPERATION: OUTFLOW WITH $\pm 10\%$ 20% DAILY VARIATION LIMIT GUIDE P-2



NOTE: EACH DAY STARTS AT HOUR 5
ENERGY GENERATION FOR FORECAST
ANNUAL PEAK

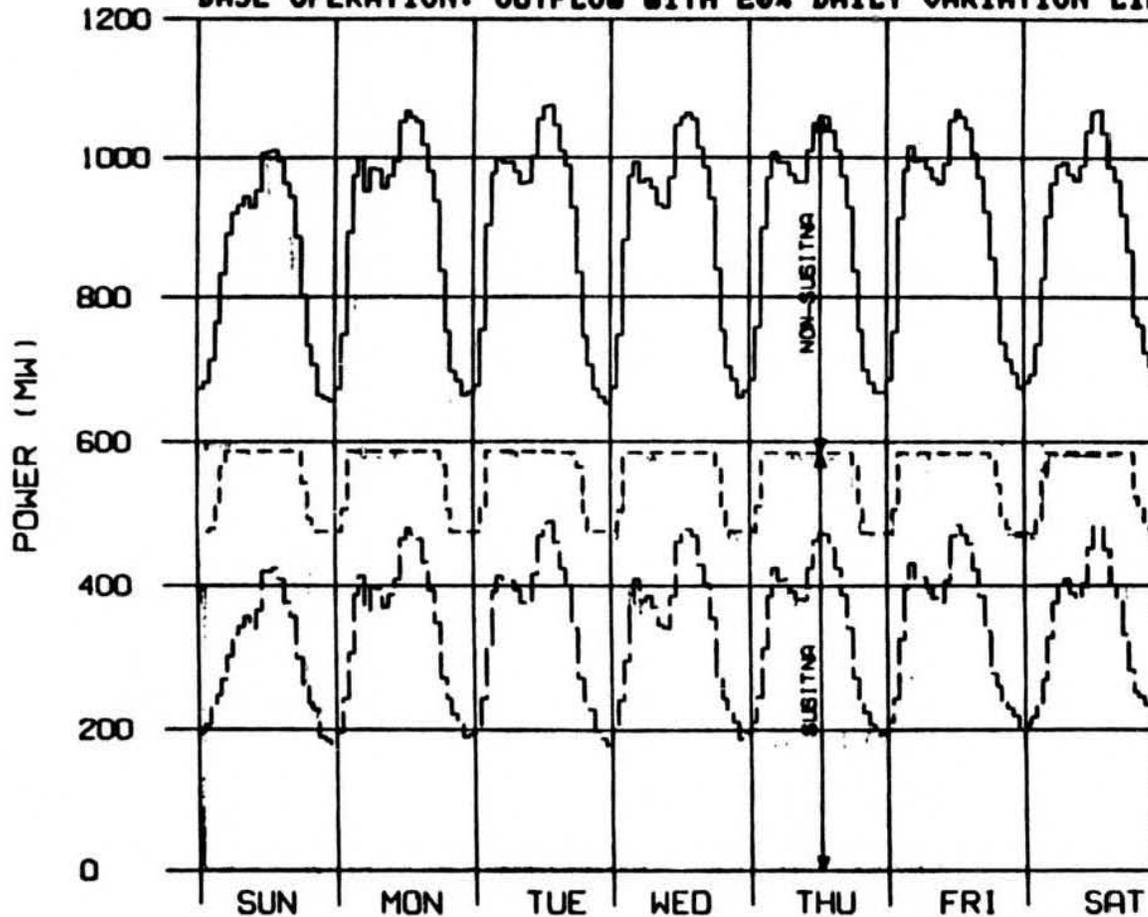
1 — SYSTEM DEMAND
2 - - - SUSITNA GENERATION
3 - · - · NON-SUSITNA GENERATION

1RB2

MONTH: DECEMBER 1967, PEAK WEEK, AVERAGE YEAR

LOAD YEAR: 2001

BASE OPERATION: OUTFLOW WITH 20% DAILY VARIATION LIMIT GUIDE P-2



NOTE: EACH DAY STARTS AT HOUR 5
ENERGY GENERATION FOR FORECAST
ANNUAL PEAK

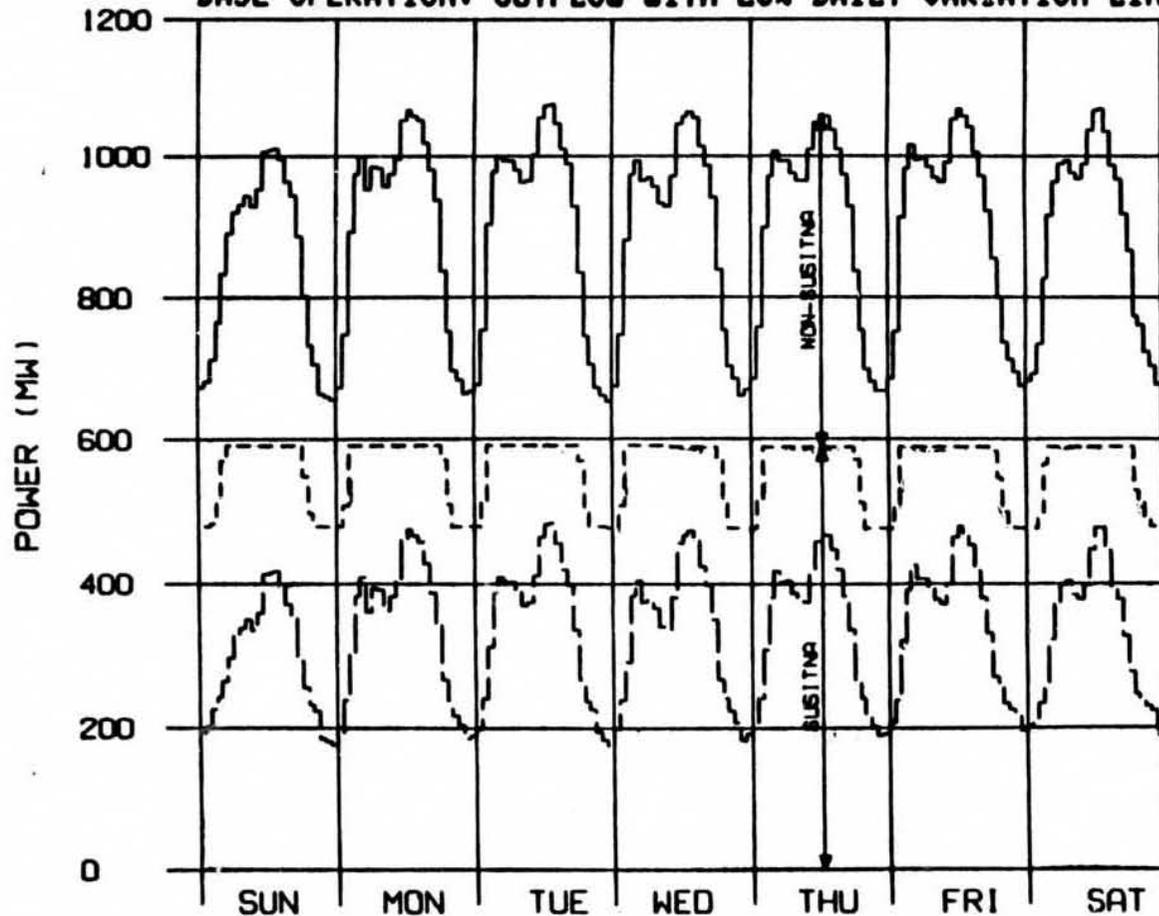
1 ——— SYSTEM DEMAND
2 - - - - SUSITNA GENERATION
3 - · - · - NON-SUSITNA GENERATION

5RB2

MONTH: DECEMBER 1980, PEAK WEEK, WET YEAR

LOAD YEAR: 2001

BASE OPERATION: OUTFLOW WITH 20% DAILY VARIATION LIMIT GUIDE P-2

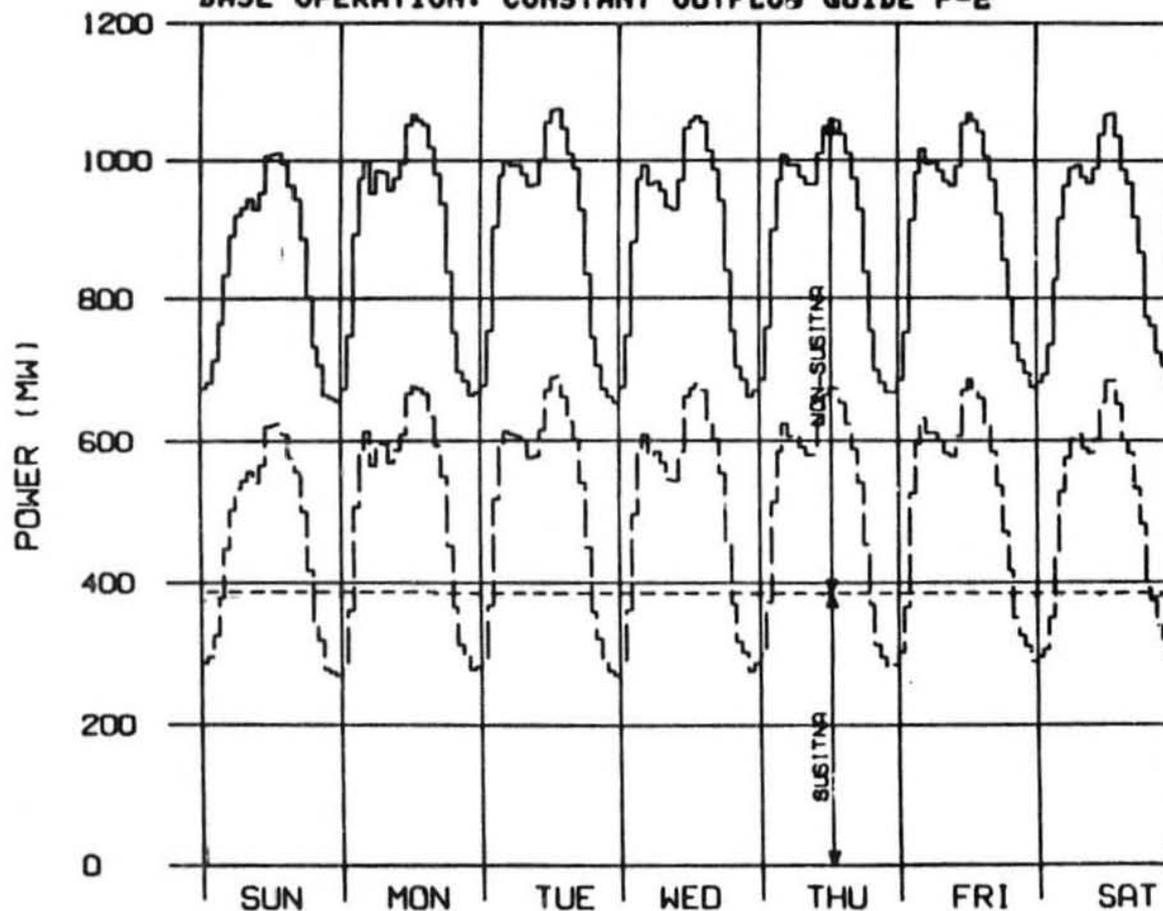


NOTE: EACH DAY STARTS AT HOUR 5
ENERGY GENERATION FOR FORECAST
ANNUAL PEAK

1 — SYSTEM DEMAND
2 - - - SUSITNA GENERATION
3 - · - NON-SUSITNA GENERATION

9RB2

MONTH: DECEMBER 1969, PEAK WEEK, DRY YEAR
 LOAD YEAR: 2001
 BASE OPERATION: CONSTANT OUTFLOW GUIDE P-2



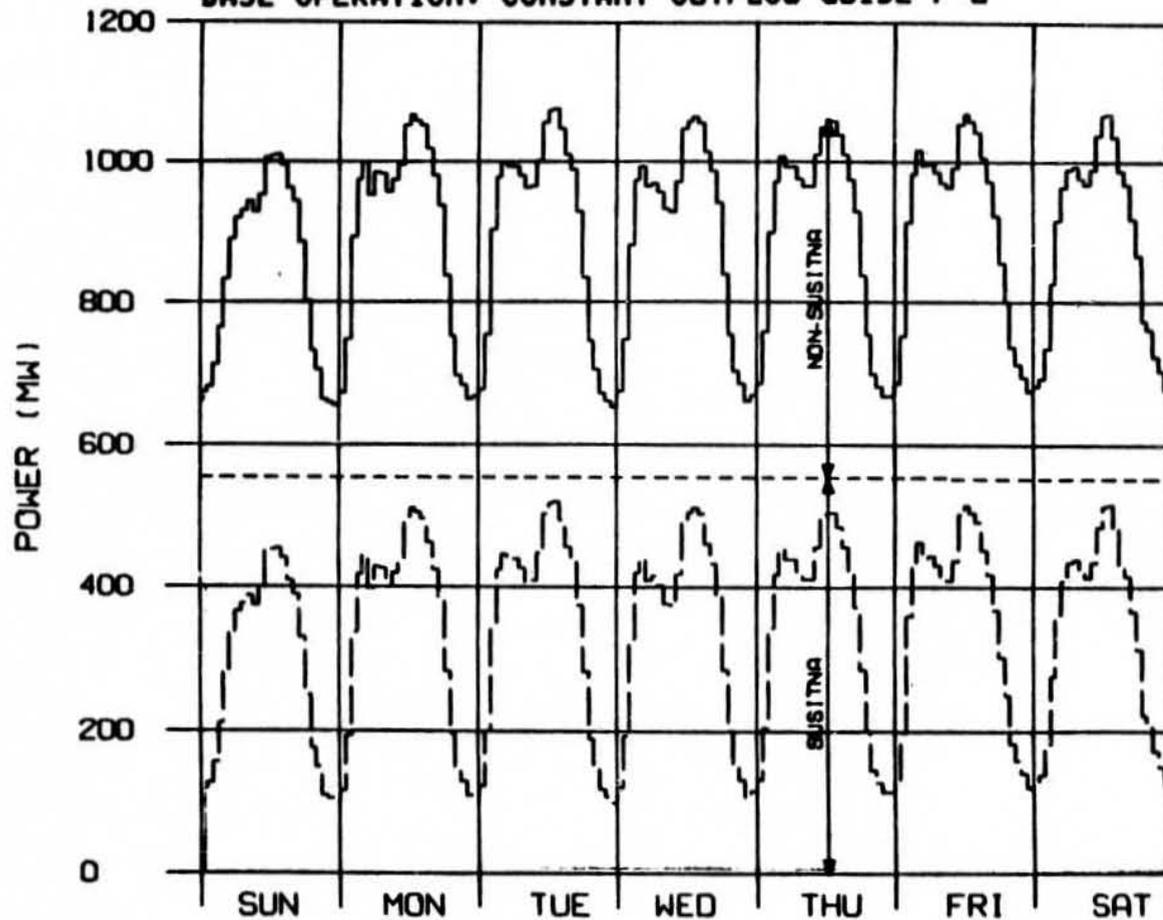
NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

1 ——— SYSTEM DEMAND
 2 - - - SUSITNA GENERATION
 3 - · - NON-SUSITNA GENERATION

1RB1

CHART 17

MONTH: DECEMBER 1967, PEAK WEEK, AVERAGE YEAR
 LOAD YEAR: 2001
 BASE OPERATION: CONSTANT OUTFLOW GUIDE P-2

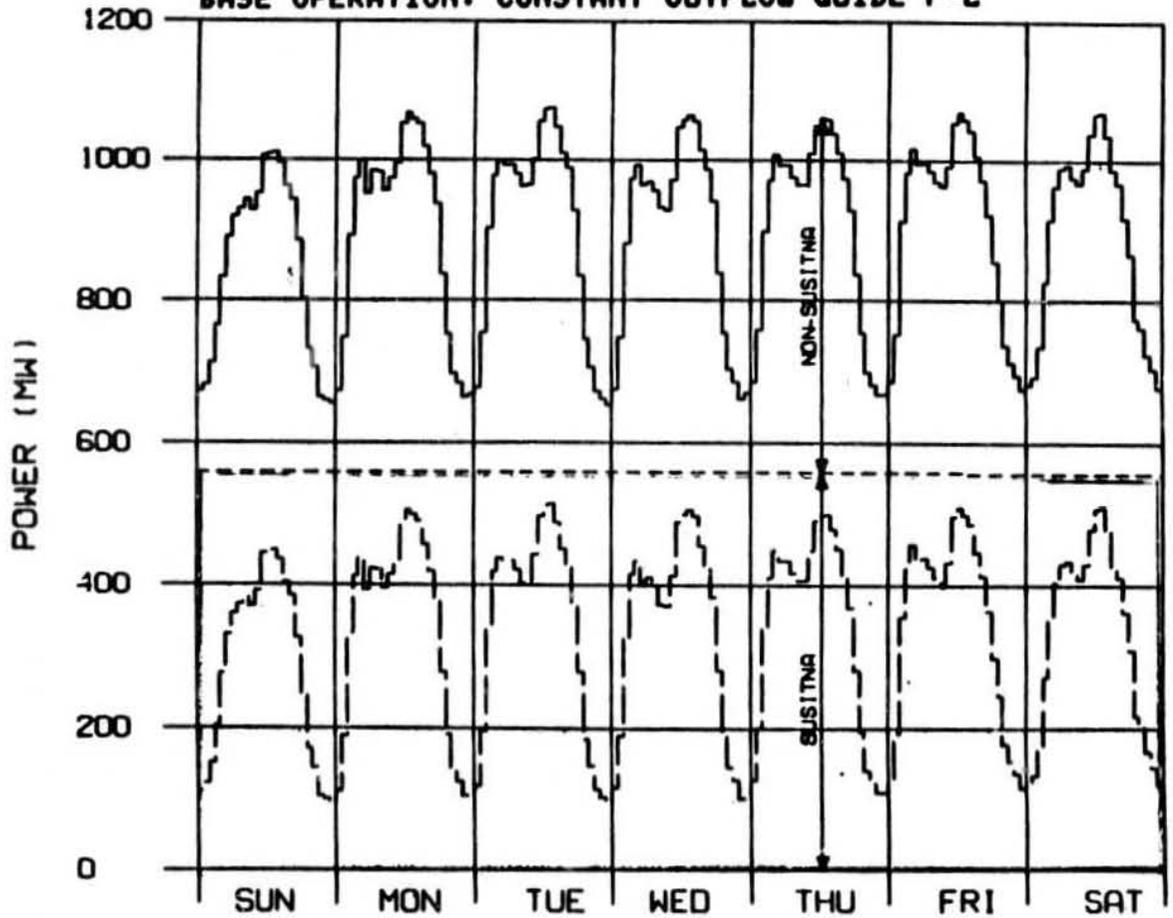


NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

1 ——— SYSTEM DEMAND
 2 - - - - SUSITNA GENERATION
 3 - · - · - NON-SUSITNA GENERATION

SRB1

MONTH: DECEMBER 1980, PEAK WEEK, UET YEAR
 LOAD YEAR: 2001
 BASE OPERATION: CONSTANT OUTFLOW GUIDE P-2



NOTE: EACH DAY STARTS AT HOUR 5
 ENERGY GENERATION FOR FORECAST
 ANNUAL PEAK

1 — SYSTEM DEMAND
 2 - - - SUSITNA GENERATION
 3 — NON-SUSITNA GENERATION

9RB1